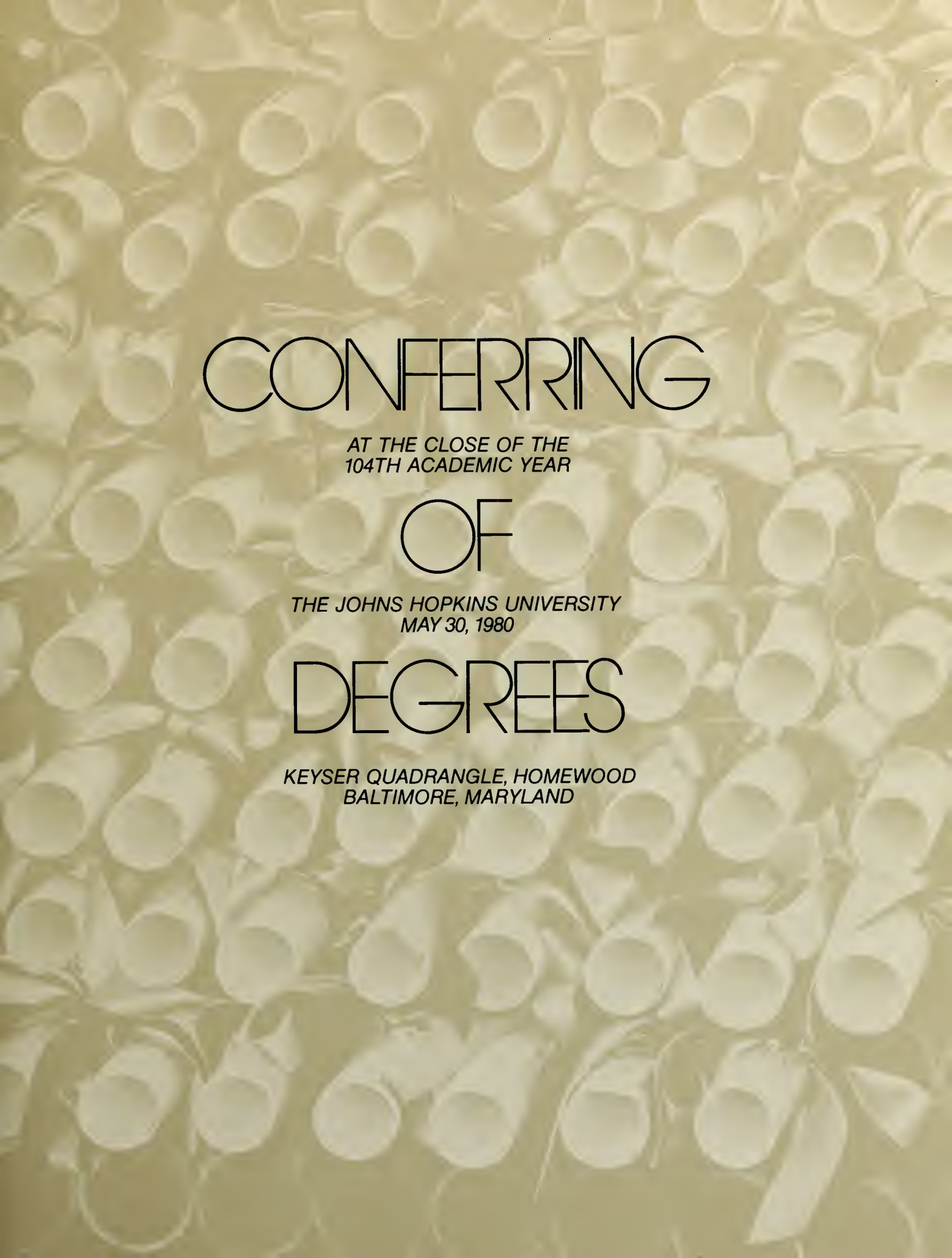


The background of the entire page is a dense, textured pattern of small, irregular gold-colored shapes, resembling confetti or streamers, set against a slightly darker gold background.

CONFERRING

*AT THE CLOSE OF THE
104TH ACADEMIC YEAR*

OF

*THE JOHNS HOPKINS UNIVERSITY
MAY 30, 1980*

DEGREES

*KEYSER QUADRANGLE, HOMEWOOD
BALTIMORE, MARYLAND*



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ORDER OF PROCESSION

MARSHALS

PAUL DANIELS
BRUCE R. EICHER
GEORGE FISHER
JOHN GRYDER
RICHARD HIGGINS
CORNELIUS KRUSE
BRUCE PARROTT

PETER PETERSEN
WILSON J. RUGH
WILLIAM H. SCHWARZ
HENRY SEIDEL
MACK WALKER
RONALD WALTERS
CHARLES WESTGATE

THE GRADUATES

*

MARSHALS

CARL F. CHRIST
HANS GOEDICKE

THE DEANS

MEMBERS OF THE SOCIETY OF SCHOLARS

OFFICERS OF THE UNIVERSITY

THE TRUSTEES

*

MARSHALS

DEAN ROBINSON
M. GORDON WOLMAN

THE FACULTIES

*

CHIEF MARSHAL

GEORGE UDVARHELYI

THE CHAPLAINS

THE RECIPIENT OF A CERTIFICATE OF SPECIAL RECOGNITION

THE HONORARY DEGREE CANDIDATES

THE PROVOST OF THE UNIVERSITY

THE PRESIDENT EMERITUS OF THE UNIVERSITY

THE CHAIRMAN OF THE BOARD OF TRUSTEES

THE PRESIDENT OF THE UNIVERSITY

*

ORDER OF EVENTS

STEVEN MULLER

President of the University, presiding

* * *

FANFARE

PROCESSIONAL

*The audience is requested to stand as the Academic Procession
moves into the area and to remain standing after
the Invocation.*

Royal Fireworks Music

GEORGE FRIDERIC HANDEL

Two Marches from *Pomp and Circumstance*, Opus 39

EDWARD ELGAR

Peabody Chamber Winds

EDWARD POLOCHICK, *Conductor*

*

INVOCATION

CHESTER L. WICKWIRE

Chaplain The Johns Hopkins University

*

THE NATIONAL ANTHEM

*

GREETINGS

ROBERT D. H. HARVEY

Chairman of the Board of Trustees

*

PRESENTATION OF THE RECIPIENT FOR A CERTIFICATE OF SPECIAL RECOGNITION

MILTON REDER

PRESENTED BY RICHARD LONGAKER

Provost of the University

*

PRESENTATION OF NEW MEMBERS OF THE SOCIETY OF SCHOLARS

MARY ELLEN AVERY	HENRY WILLIAM SCOTT, JR.
EDWARD GRZEGORZEWSKI	WAYNE ORIN SOUTHWICK
DAVID H. HUBEL	FRANÇOIS C. STOLL
FRANK M. LESLIE	ALBERT J. STUNKARD
ATTILIO MASERI	KAMESHWAR C. WALI
RALPH SEAL PAFFENBARGER, JR.	TORSTEN N. WIESEL

SCHOLARS PRESENTED BY RICHARD LONGAKER

*

PEABODY CONCERT SINGERS

Be Glad Thou America

WILLIAM BILLINGS

French Choruses from *The Lark*

LEONARD BERNSTEIN

EDWARD POLOCHICK, *Director*

*

CONFERRING OF HONORARY DEGREES

EDWARD O. HULBURT

DANIEL K. LUDWIG

JULES STEIN

LEONARD BERNSTEIN

PRESENTED BY RICHARD LONGAKER

*

ADDRESS

LEONARD BERNSTEIN

*

CONFERRING OF DEGREES ON CANDIDATES

BACHELORS OF ARTS

Presented by

SIGMUND R. SUSKIND

Dean, School of Arts and Sciences

* * *

BACHELORS OF ENGINEERING SCIENCE

BACHELORS OF ARTS

Presented by

V. DAVID VANDELINDE

Dean, G. W. C. Whiting School of Engineering

* * *

CONFERRING OF DEGREES ON CANDIDATES

continued

BACHELORS OF SCIENCE

Presented by

RICHARD LONGAKER, *Provost*
FOR THE FACULTY OF HEALTH SERVICES

* * *

BACHELORS OF MUSIC

Presented by

ELLIOTT W. GALKIN
Director, Peabody Conservatory of Music

* * *

ASSOCIATES OF ARTS
ASSOCIATES OF SCIENCE
BACHELORS OF SCIENCE
BACHELORS OF SCIENCE IN ENGINEERING

Presented by

ROMAN J. VERHAALLEN
Dean, Evening College

* * *

MASTERS OF SCIENCE
MASTERS OF EDUCATION
MASTERS OF LIBERAL ARTS
MASTERS OF ADMINISTRATIVE SCIENCE
CERTIFICATES OF ADVANCED STUDY

Presented by

ROMAN J. VERHAALLEN
Dean, Evening College

* * *

MASTERS OF MUSIC

Presented by

ELLIOTT W. GALKIN
Director, Peabody Conservatory of Music

* * *

CONFERRING OF DEGREES ON CANDIDATES
continued

MASTERS OF SCIENCE
MASTERS OF HEALTH SCIENCE
MASTERS OF PUBLIC HEALTH

Presented by
DONALD A. HENDERSON
Dean, School of Hygiene and Public Health

* * *

MASTERS OF INTERNATIONAL PUBLIC POLICY
MASTERS OF ARTS IN INTERNATIONAL AFFAIRS
MASTERS OF ARTS

Presented by
GEORGE R. PACKARD
Dean, School of Advanced International Studies

* * *

MASTERS OF SCIENCE IN CLINICAL ENGINEERING
MASTERS OF ARTS

Presented by
RICHARD S. ROSS
Dean, School of Medicine

* * *

MASTERS OF SCIENCE IN ENGINEERING
MASTERS OF ARTS

Presented by
V. DAVID VANDELINDE
Dean, G. W. C. Whiting School of Engineering

* * *

MASTERS OF ARTS

Presented by
SIGMUND R. SUSKIND
Dean, School of Arts and Sciences

* * *

CONFERRING OF DEGREES ON CANDIDATES
continued

DOCTORS OF EDUCATION

Presented by
ROMAN J. VERHAALLEN
Dean, Evening College

* * *

DOCTORS OF MUSICAL ARTS

Presented by
ELLIOTT W. GALKIN
Director, Peabody Conservatory of Music

* * *

DOCTORS OF SCIENCE
DOCTORS OF PUBLIC HEALTH
DOCTORS OF PHILOSOPHY

Presented by
DONALD A. HENDERSON
Dean, School of Hygiene and Public Health

* * *

DOCTORS OF PHILOSOPHY

Presented by
GEORGE R. PACKARD
Dean, School of Advanced International Studies

* * *

DOCTORS OF MEDICINE
DOCTORS OF PHILOSOPHY

Presented by
RICHARD S. ROSS
Dean, School of Medicine

* * *

CONFERRING OF DEGREES ON CANDIDATES

continued

DOCTORS OF PHILOSOPHY

Presented by

V. DAVID VANDELINDE

Dean, G. W. C. Whiting School of Engineering

* * *

DOCTORS OF PHILOSOPHY

Presented by

SIGMUND R. SUSKIND

Dean, School of Arts and Sciences

* * *

STATEMENT TO THE GRADUATES

STEVEN MULLER

President of the University

*

BENEDICTION

CLYDE R. SHALLENBERGER

Director, Chaplaincy Service

Johns Hopkins Medical Institutions

*

RECESSIONAL

Land of Hope and Glory March

EDWARD ELGAR

America

WILLIAM BILLINGS

Anthem from America

ERNEST BLOCH

American Marches and Rags

RICHARD FRANKO GOLDMAN

JOHN PHILIP SOUSA

SCOTT JOPLIN

*The audience is requested to remain standing after the
Benediction until the members of the faculties and
graduates have left the area.*

CERTIFICATE FOR MERITORIOUS SERVICE

Citation Read by

RICHARD P. LONGAKER

in Presenting

MILTON REDER

for a Certificate for Meritorious Service

May 30, 1980

WHEREAS: Dr. Milton Reder has demonstrated exceptional devotion to and affection for The Johns Hopkins University;

WHEREAS: Dr. Reder has rendered extraordinary service in directing talented and able student applicants to the University;

WHEREAS: Dr. Reder's philanthropic interests have resulted in great benefactions to The Johns Hopkins University in general and Johns Hopkins medicine in particular;

WHEREAS: Dr. Reder is one of the University's most cherished and esteemed friends;

NOW THEREFORE BE IT RESOLVED:

That The Johns Hopkins University extends to Milton Reder, M. D., special recognition and appreciation for extraordinary dedication and support and that in warrant thereof he be presented with this Certificate for Meritorious Service on the occasion of the Commencement Exercises closing the University's 104th academic year on Friday, May 30, 1980.

JOHNS HOPKINS SOCIETY OF SCHOLARS

The Johns Hopkins Society of Scholars was created on the recommendation of former President Milton S. Eisenhower and approved by action of the University Board of Trustees on May 1, 1967. The Society—the first of its kind in the nation—inducts former postdoctoral fellows at Johns Hopkins who have gained marked distinction in their fields of physical, biological, medical, social or engineering sciences, or the humanities, and for whom at least five years have elapsed since their postdoctoral work. The Committee of the Johns Hopkins Society of Scholars, whose members are equally distributed among the academic divisions, elects the Scholars from the candidates nominated by the academic divisions having programs for postdoctoral fellows. Each division has the privilege of nominating up to three candidates for each election year. The Scholars are invested during the Commencement ceremony, the Commemoration Day ceremony, or on some similar occasion and are presented with a diploma and a medallion with black and gold ribbon to be worn around the neck with their academic costumes.

Today we honor twelve new members who have been elected this year to the Johns Hopkins Society of Scholars:

Dr. Mary Ellen Avery, a graduate of the Johns Hopkins School of Medicine, is the Thomas Morgan Rotch Professor of Pediatrics at the Harvard University Medical School and physician-in-chief at the Children's Hospital Medical Center in Boston. Her early work in the physiology and pathology of pulmonary diseases of the newborn and infant led to the demonstration of the underlying pathophysiology in neonatal respiratory distress syndrome. More recently, she has begun work on substances potentially capable of inducing pulmonary maturity in fetal animals that could have great importance in lowering neonatal mortality. Dr. Avery did postdoctoral work at Johns Hopkins with Dr. Robert Cooke in the Department of Pediatrics during 1954-57 and 1959-69, serving on the faculty from 1960 to 1969. She was professor and chairman of the Department of Pediatrics of the Faculty of Medicine at McGill University in Montreal from 1969 until 1974, when she assumed her present posts.

Dr. Edward Grzegorzewski, who was born in Siberia and educated in Poland, resides in Baltimore following a long and distinguished career with the World Health Organization. After receiving his medical degree from the University of Warsaw, he undertook postdoctoral studies at Johns Hopkins in 1932-33 with Dr. Lowell Reed and Dr. Wade Hampton Frost in the Department of Public Health Administration, receiving a master's of public health degree. The first director of the School of Public Health in Poland after the end of World War II, Dr. Grzegorzewski served as Poland's delegate to the founding conference of the World Health Organization and was one of the signers of the WHO constitution. He joined WHO soon after its formation, was its first director of the Division of Education and Training, and has been influential in curriculum development and physician training to address the problems of preventive medicine.

Dr. David H. Hubel and Dr. Torsten N. Wiesel, neurobiologists at the Harvard University Medical School, have received highest honors for their innovative studies of the visual system at the cellular level. These studies, including the organization of the cells of the retina, lateral geniculate and calcarine cortex, have resulted in greater understanding of the organization of the brain to process visual information. Dr. Hubel, a native of Ontario, received his medical degree from the McGill University Medical School and did postdoctoral work at Johns Hopkins during 1954-55 and 1958-59 with Dr. John Magladery and Dr. Steven Kuffler in the Departments of Neurology and Ophthalmology. In 1959 he joined the faculty at Harvard, where he is now the George Packer Berry Professor of Neurobiology. Born in Sweden, Dr. Wiesel received his medical degree from the Karolinska Institute in Stockholm and was a postdoctoral fellow at John Hopkins during 1955-58 in the Department of Ophthalmology, working with Dr. Steven Kuffler. He also went to Harvard in 1959 and now serves as the Robert Winthrop Professor of Neurobiology and chairman of the Department of Neurobiology.

Dr. Frank M. Leslie, a native of Scotland and professor of mathematics at Strathclyde University in Glasgow, was an early investigator in the field of liquid crystals and is now recognized as an international authority on this subject. He has made important contributions to the literature on thermal, magnetic, and hydrodynamic properties of liquid crystals. Dr. Leslie received his Ph. D. from the University of Manchester in England and undertook postdoctoral work at Johns Hopkins in 1966-67 and in 1973 with Dr. Jerald L. Ericksen in the Department of Mechanics and Materials Science. He has taught at Strathclyde since 1968.

Dr. Attilio Maseri, who holds the Sir John McMichael Chair of Cardiovascular Medicine at the Royal Postgraduate Medical School of the University of London, has obtained a preeminent position in the field of cardiology through his work in coronary artery disease. A graduate of the Padua University Medical School in Italy, he was a postdoctoral fellow at Johns Hopkins in 1966-67 in the Department of Environmental Medicine, working with Dr. Kenneth Zierler, Dr. Richard Riley, and Dr. Solbert Permutt. Prior to joining the University of London in 1979, he served in various positions at the University of Pisa. Dr. Maseri's recent work on the role of coronary vasospasm in producing myocardial ischemia has led to widespread recognition of the significance of this problem in humans.

Dr. Ralph S. Paffenbarger Jr., professor of epidemiology at the Stanford University School of Medicine, has made major contributions to the knowledge of the epidemiology of diseases ranging from diarrheal diseases and poliomyelitis to mental and cardiovascular diseases and cancer. He has been especially innovative in his approach to assessing the relationships between a variety of risk factors and subsequent disease. A graduate of the Northwestern University Medical School, Dr. Paffenbarger undertook postdoctoral studies at Johns Hopkins during 1951-54 with Dr. David Bodian in the Department of Epidemiology, earning both a master's and a doctoral degree in public health. He taught at the University of Cincinnati, Harvard University, and the University of California School of Public Health at Berkeley before joining the faculty at Stanford in 1977.

Dr. Henry William Scott Jr., director of the Section of Surgical Sciences at the Vanderbilt University School of Medicine, has made significant contributions to the procedures of choice for morbid obesity, peptic ulceration, and in vascular surgery. In addition, he has assumed a leadership role in academic surgery. Dr. Scott, who received his medical degree from the Harvard University Medical School, did postdoctoral work at Johns Hopkins during 1946-51 with Dr. Alfred Blalock in the Department of Surgery. He has been professor and chairman of the Department of Surgery at Vanderbilt since 1952.

Dr. Wayne O. Southwick, professor of orthopaedic surgery at the Yale University School of Medicine, has made important contributions to surgery of the cervical spine and to practical biomechanics of the injured spine. A graduate of the University of Nebraska College of Medicine, he did postdoctoral work at Johns Hopkins in 1950-51 and 1953-54 with Dr. Robert Johnson and Dr. Robert Robinson in the Department of Orthopaedic Surgery. After teaching in that department from 1954 to 1958, Dr. Southwick joined the faculty at Yale.

Dr. Francois C. Stoll is director of the Department of Applied Psychology at the University of Zurich, which under his leadership has become one of the most outstanding departments in that field in Europe. His research has been directed toward the study of eye movements and scanning patterns and the ways those patterns can be used to enhance reading mechanisms. He has also conducted research in the cognitive underpinnings of reading skills. Dr. Stoll, who received his doctoral degree from the University of Neuchatel in Switzerland, did postdoctoral work at Johns Hopkins in 1972-73 with Dr. Alphonse Chapanis in the Department of Psychology. He then became professor of applied psychology at the University of Zurich and was named to his present post in 1977.

Dr. Albert J. Stunkard, professor of psychiatry at the University of Pennsylvania, has acquired an international reputation in the study of the psychiatric aspects of feeding and, particularly, of obesity. He has studied such questions as social influences on eating habits and cultural ideals of proper weight. A graduate of the Columbia University College of Physicians and Surgeons, Dr. Stunkard was a postdoctoral fellow at Johns Hopkins during 1948-52, working in the Department of Psychiatry with Dr. John Whitehorn. He has taught at the University of Pennsylvania since 1957, except for a three-year period at Stanford University.

Dr. Kameshwar C. Wali, professor of physics at Syracuse University, is a theoretical high energy physicist who has always worked closely with experimentalists. He has made significant contributions in a wide range of areas including form factors, $SU(6)$, continuum theory, local duality and monopole theories with strings. Dr. Wali completed his bachelor's and master's studies in India, received his Ph. D. from the University of Wisconsin, and did postdoctoral work at Johns Hopkins during 1960-62 with Dr. Thomas Fulton and Dr. Gordon Feldman in the Department of Physics. He worked as a physicist at the Argonne National Laboratory for six years and also taught at Northwestern University and the University of Chicago before joining the faculty at Syracuse in 1969.

CITATIONS FOR HONORARY DEGREES

Citation Read by

RICHARD P. LONGAKER

in Presenting

EDWARD OLSON HULBURT

for the Degree of Doctor of Humane Letters

May 30, 1980

Scientist and gentleman, distinguished son of this University, emeritus director of research at the Naval Research Laboratory, whose Space Center bears your name, you have selflessly devoted your life to the advancement of knowledge and to the service of your country.

As a physicist, you synthesized information derived from classical optics and modern rocket aeronomy. In your scientific papers you pioneered in the study of the ionosphere and upper atmosphere, and you have enhanced our understanding of the optics of the sea and sky. In scholarship and administration you have been an inspirational leader.

An intrepid sailor and keen observer of nature—equally at home under the stars and in the laboratory—your work has earned you high praise, including the Navy Distinguished Service Award.

Edward Olson Hulburt, in recognition of your service to science and to mankind, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, *honoris causa*.

Citation Read by

RICHARD P. LONGAKER

in Presenting

DANIEL KEITH LUDWIG

for the Degree of Doctor of Humane Letters

May 30, 1980

Self-made man, innovator, entrepreneur, you are an industrialist of global vision.

With foresight, you created one of the world's largest private shipping fleets and revolutionized the way ships are built and financed. Akin in spirit and action to the founding benefactor of this University, you have diversified your interests among many enterprises, aware always of the long-range needs of mankind.

At a time in life when most men think of retirement, you began the monumental task of converting a vast tract in the Amazon jungle into productive land—thereby adding to the world's resources and providing a livelihood for the people of that region. That venture has been described as "capitalism in the epic sense." Nor have you forgotten the virtue of charity. Among other acts, you have established and endowed a cancer research institute in Switzerland.

Daniel Keith Ludwig, in recognition of your extraordinary accomplishments in all you have undertaken, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, *honoris causa*.

Citation Read by

RICHARD P. LONGAKER

in Presenting

JULES STEIN

for the Degree of Doctor of Humane Letters

May 30, 1980

Renaissance man in the truest sense—physician, musician, business leader, philanthropist—you, more than any other individual, are responsible for the vitality of eye research in this country today.

From your love of music and medicine, you have woven a full and rich life. As a musician, you worked your way through medical school. After a decade in medicine you directed your talents toward business in the field of music and entertainment, creating the Music Corporation of America.

You have continued to devote your energies toward medicine; you established The Foundation for Research to Prevent Blindness, helping to raise research and education in ophthalmology to unprecedented heights. Your single-handed efforts led to the formation of the Eye Institute at the National Institutes of Health. For those deeds and for urging basic scientists in biochemistry and cell biology to address the clinical problems confronting ophthalmology, you will be remembered.

Jules Stein, for your achievements and your service to humanity, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, *honoris causa*.

Citation Read by

RICHARD P. LONGAKER

in Presenting

LEONARD BERNSTEIN

for the Degree of Doctor of Humane Letters

May 30, 1980

Since your magnificent debut as conductor of the New York Philharmonic in 1943, you have dominated the world of music. As virtuoso pianist, and by your prodigious accomplishments on the podium, you have established new levels of superiority in the annals of performance.

As the first native-born musical director of a major American orchestra, you have contributed to the transformation of the art of musical leadership from a dictatorial discipline to a democratic communion.

Your Young People's Concerts have dramatized the role of the renowned musician as teacher. In your lectures you convey in language both poetic and precise your love of music and mankind. Composer of works for the concert hall and musical theater, your creations such as "Jeremiah Symphony," "Mass," and "West Side Story"—all inimitable in style and spontaneous in effect—are crucial to the history of music.

Leonard Bernstein, for all that you have achieved and all that you epitomize, The Johns Hopkins University is honored to confer upon you the degree of Doctor of Humane Letters, *honoris causa*.

THE UNIVERSITY MACE

The University Mace carried by the Chief Marshal, Dr. George Udvarhelyi, was first used at the 1954 Commemoration Day Exercises. Eight symbols are hand wrought in sterling silver on an ebony staff. The symbols represent man's cultural development from ancient times, through the Middle Ages and the Renaissance, to the modern era.

THE PRESIDENTIAL INSIGNIA

University President Steven Muller is wearing the Presidential Insignia signifying the authority vested in the President by the Board of Trustees. It is a chain of sterling silver links worn around the neck. Portraits of each of the ten Johns Hopkins University Presidents are engraved on the faces of ten of the links. On the reverse are engraved the names and dates of office of each President. Ten blank links for future use are included. The University Seal completes the design.

ACADEMIC DRESS

The custom of wearing academic dress stems from the Middle Ages, when scholars were also clerics and wore the costume of their monastic order. The hood was originally a cowl attached to the gown, which could be slipped over the head for warmth. The cap was originally round, but has changed to the varieties that we see today.

The gown varies for the respective degrees. The Bachelor's gown is worn closed and can be distinguished by its long, pointed sleeves. The Master's gown is designed to be open with the arms worn through the slits in the elbows of the sleeves. The Doctor's gown, also worn open, has full, bell-shaped sleeves with three horizontal bars stitched across the upper arm. There is a velvet panel draped around the neck and stitched down the front edges. This velvet trimming may be either black or the same color as the velvet border of the hood.

The hood also varies for the respective degrees. The Bachelor's and Master's hoods are of the same design, pointed at the base. The Bachelor's hood is three feet long; the Master's hood is three and one half feet long. The Doctor's hood is four feet long, of fuller shape and rounded at the base.

The hood is bordered with velvet, the color of which indicates the field of study in which the degree was earned:

Dark blue — Philosophy
Light blue — Education
Orange — Engineering
Gold-yellow — Science

Green — Medicine
Salmon pink — Public Health
Pink — Music
Purple — Laws

White — Arts and Letters

The silk lining of the hood represents the institution which granted the degree. If more than one degree is held, the gown and hood of the higher or highest degree is worn. The Johns Hopkins University has adopted an alternative costume to be used by all holding Johns Hopkins doctoral degrees, both earned and honorary. The costume consists of a gold robe with front and side panels in sable velvet and a six-sided Dutch academic cap with gold sweatband and tassel. The linings seen in today's academic procession may include:

Black, old gold chevron — Johns Hopkins
Light blue, white chevron — Columbia
Dark blue — Yale
Blue with white chevron — Duke
Dark blue, two orange chevrons — Illinois
Light blue, two white chevrons — North Carolina
Old gold, maroon chevron — Minnesota
Old gold — Iowa
Gold, blue chevron — California
Gold — Virginia
Purple, gold chevron — Northwestern

Purple — New York University
Bright red — Wisconsin
Plum, with scarlet — London
Maroon — Chicago
Crimson — Harvard
Carnelian, two white chevrons — Cornell
Cardinal — Stanford
Red, tri-chevron in center — Heidelberg
Dandelion yellow — Michigan
Maize, azure blue chevron — Sorbonne
Yellow and white — Rochester

THE UNIVERSITY MOTTO

Veritas vos liberabit.

The truth shall make you free

—*St. John 8:32*

AWARDS

IN THE SCHOOLS OF ARTS AND SCIENCES AND ENGINEERING

ALEXANDER BUTLER PRIZE

for the best research paper by a first year graduate student in History

Awarded to MARY M. SCHWEITZER

ADOLF KATZENELLENBOGEN MEMORIAL PRIZE

for an outstanding paper in Art History

Awarded to CAREN F. HAMMERMAN

DONALD E. KERR MEMORIAL MEDAL

for the outstanding undergraduate majoring in Physics

Awarded to ASEET MUKHERJEE

ARTHUR KOUGUELL PRIZE

to the outstanding undergraduate major in History

Awarded to SALLY HAMMOND CLARKE

ERNEST M. MARKS AWARD

in recognition of excellence in instruction in Chemistry

Awarded to MACRAE MAXFIELD

JOHN PETER MALLAMO

C. RICHARD MARTIN AWARD

for outstanding work by a first or second year graduate student in Political Economy

Awarded to TOSHIHIRO IHORI

MATHEMATICAL SCIENCES AWARD

for outstanding achievement by an undergraduate

Awarded to JONATHAN YAACOV ART

DAVID MICHAEL ZUCKER

SARAH & ADOLPH ROSEMAN ACHIEVEMENT AWARD

in recognition of outstanding accomplishment in Chemistry

Awarded to ALAN B. THEIS

PAUL JOSEPH TOSCANO

ROBERT BRUCE ROULSTON PRIZE

for excellence in German

Awarded to LESLIE ANN STILLWELL

ROYAL SOCIETY OF ARTS SILVER MEDAL

for distinguished achievement by an undergraduate in the application
of art or science to the field of commerce or industry,
and for significant participation in student activities

Awarded to KEVIN GLENN BARTKOVICH

JULIUS TURNER AWARD

for the most distinguished Senior Thesis in Political Science

Awarded to KENNETH ALLEN BROWN

JOHN BOSWELL WHITEHEAD AWARD

for outstanding achievements in Electrical Engineering

Awarded to PRAVINKUMAR KANTILAL PATEL

IN THE EVENING COLLEGE

DELTA SIGMA PI SCHOLARSHIP KEY

in the Division of Administration and Business for the
highest average for the entire course

Awarded to JOANN COOK CHAMBERS

EDWARD J. STEGMAN, C. P. A., MEMORIAL AWARD

in the Division of Administration and Business for
excellence in the study of accountancy

Awarded to EDWARD MEREDITH PRESNELL, JR.

WALL STREET JOURNAL STUDENT ACHIEVEMENT AWARD

in the Division of Administration and Business for outstanding scholarship
and exceptional promise of future success

Awarded to GAIL HEBDEN MERENYI

DATA PROCESSING MANAGEMENT ASSOCIATION, BALTIMORE CHAPTER AWARD

in the Division of Administration and Business for
excellence in the study of data processing

Awarded to MARIE KELLY KARPINSKY

IN THE SCHOOL OF MEDICINE

HENRY STRONG DENISON SCHOLARSHIP

for excellence in biomedical research

Awarded to

ROBERT HAAS EDWARDS
RICHARD JOSEPH EHRLICHMAN
CLAIR ANN FRANCOMANO

ROBERT NEAL HOTCHKISS
JEFFREY HOWARD SILBER
LOUIS D. SNYDER

ROBERT ALAN SOLOMON
FRANK FREDERICK THOMAS TELLIAN
JOHN TILYNN THOMPSON

THE JOHNS HOPKINS MEDICAL SOCIETY STUDENT RESEARCH AWARDS

Awarded to

CLAIR ANN FRANCOMANO
RANDY ALAN HOCK

MARY LYNCH HOTCHKISS
LOUIS D. SNYDER

ROBERT ALAN SOLOMON
VICTORIA PATRICIA WERTH

LAUREL AND CLARENCE H. KOENNECKE AWARD

for most promise in the surgical field of gynecology

Awarded to

JOSEPH BUSCEMA

D. DONOVAN DIETRICK, JR.

WILLIAM REVELLE PHIPPS

BRIAN CHIN-JEN SU

MICHAEL A. SHANOFF RESEARCH AWARD

for significant research contribution in the medical sciences

Awarded to DAVID ROBERT SHORTLE

SANDOZ AWARD

for excellence in the field of Pharmacology

Awarded to STEPHEN JOSEPH PEROUTKA (1979)

WALTER SCOTT YOUNG III

HAROLD LAMPORT BIOMEDICAL RESEARCH PRIZE

for meritorious research completed during Medical Training

Awarded to JOHN TILYNN THOMPSON

IN THE SCHOOL OF HYGIENE AND PUBLIC HEALTH

JOHN C. HUME AWARD I

for significance of doctoral research in
the Department of Health Services Administration

Awarded to LORETTA ANN DASH

JOHN C. HUME AWARD II

To a Master of Public Health graduate
for academic excellence and professional promise

Awarded to ARTHUR ELSON COHEN

ALUMNI ASSOCIATION SCHOLARSHIP AWARDS

to students of outstanding promise

Awarded to JACQUELINE AGNEW

JOYCE M. PIPER

MARILYN B. HIRSCH

IN THE SCHOOL OF ADVANCED INTERNATIONAL STUDIES

WILLIAM C. FOSTER AWARD

to a second year student for sound scholarship and a record of leadership
and distinguished service to SAIS exemplary of the high qualities
of integrity, loyalty and ability admired in Mr. Foster

Awarded to DAVID ALEXANDER DESSLER

LINDA SUE MITCHELL

CHRISTIAN A. HERTER FELLOWSHIP

to the member of the second year class with the most outstanding
record during his first year

Awarded to WILLIAM FORD SHAW

HONOR SOCIETIES

PHI BETA KAPPA

From the Junior Class in the School of Arts and Sciences

ROBIN ASHINOFF
JEFFREY RONALD AVNER
ROSLYN JULIE BERNSTEIN
HARRIS LOWELL GRUMAN

LOUIS WARD KEMP
CHRIS ALEXANDER LIACOURAS
ERIC BARNETT MILLER
KRISTIN HELENA RANUM

KATHLEEN STEIGHNER
LINCOLN DAVID STEIN
ANTHONY B. ULLMAN
OTHON WILTZ

From the Senior Class in the School of Arts and Sciences

Elected in 1978-79

NELSON HARRIS AARON
DENISE ANNE CHARRIER
JOHN LLOYD CULLERTON
DEBRA ANN DODD

DOLORES MARIE FERNANDEZ
JOSEPH FRANCIS
KENNETH JAMES HOLROYD
JEFFREY ALAN KATZ

JOHN CHARLES LINK
BARRY IRA MICHELSON
LESLIE ANN SANDERS
DAVID ERIC TUNKEL

Elected in 1979-80

CHARLES SAMUEL ABRAMS
JOHN BAHRAM AIDUN
JONATHAN YAACOV ART
KEVIN GLENN BARTKOVICH
TERESA MARIE BUESCHER
GEORGE PETER COUTROS
MICHAEL STEPHEN DALE
JULIE CAROL DAVIES
CAROLE LYNN FERN
MARILYN DINA HARTMAN

HENRY H. HSU
FRANK KIM
GAIL SUZANNE LEASEBURGE
KAREN PAULA LEVIN
MARY O'REGAN
RONALD KEVIN O'ROURKE
LORI SUE PLOTKIN
MICHAEL ERIC RESCH
TODD STEVEN ROSE
LAWRENCE STEVEN ROTHENBERG

DAVID SCOTT SCHULMAN
RICHARD HENRY SEAMON
HOPE CONSTANCE SELINGER
GLENN K. SHULMAN
STEPHEN ROBERT SHUTT
ROBERT C. SMITH
CRAIG STUART WALVATNE
SCOTT WEDGWOOD WOLFE
DAVID MICHAEL ZUCKER

From the Doctor of Philosophy Candidates in the School of Arts and Sciences

CONSUELO NOVAIS SAMPAIO

From the Doctor of Medicine Candidates in the School of Medicine

JOYCE ANNE KOPICKY

RICHARD EDWARD SIMMONS

From the Doctor of Philosophy Candidates in the School of Hygiene and Public Health

NANCY SCHULTZ

TAU BETA PI

NATIONAL ENGINEERING HONOR SOCIETY

From the Junior Class in the G.W.C. Whiting School of Engineering

DANE BLUMENTHAL
MILTON EPSTEIN
THOMAS GEDRA

RONALD GULINO
YUNG-LUNG HO
JEFFREY STEINERT

ROBERT THOMAS
ELIZABETH UNGAR

From the Senior Class in the G.W.C. Whiting School of Engineering

NELSON HARRIS AARON
CHARLES SAMUEL ABRAMS
MICHAEL CHARLES BAKER
DAVID CARL BECKER

BRIDGET ANN BUCKMAN
SEAN THOMAS GLOTH
STEVEN HOWARD NURENBERG
MICHAEL ERIC RESCH

GREGORY MORE SKARDA
UMAPATHY SUNDARAM
AMY YUE-SHUN TS'OO

From the Evening College

JACOB APELBERG
JOSEPH LEONARD FINKE
ALAN WAYNE FORISH
DAVID REVERE FOSTER
JAMES MICHAEL GARRISON

DENNIS FRANKLIN GERLACH
DAVID HELFRICH
AARON KRAUSE
WILLIAM LESLIE
FREDERICK MARC
JAMES MUELLER

THOMAS PRENTICE
JOHN TERRELL
LARRY VANDERVORT
DAVID WILLIAM WALTRUP
JAMES WARREN ZEHNER

ALPHA OMEGA ALPHA

HONOR MEDICAL SOCIETY

LISA HELEN ALFENITO
VLAICU ALIN BOTOMAN
FRANCIS EVANS BRYAN
ALFRED STANLEY CASALE
JOHN CRADDOCK DURHAM
RICHARD JOSEPH EHRLICHMAN
KENNETH ALAN ELLENBOGEN

GARY STEVEN FIRESTEIN
MICHAEL HARRIS
DONNA M. SEDLAK HUMMELL
RICHARD DAVID KAYNE
DOROTHY JESSELL MARGOLSKEE
GARY C. MARRONE
WILLIAM REVELLE PHIPPS

RICHARD EDWARD SIMMONS
MIKA NARAD SINANAN
PATRICIA DE CAMP SMITH
JEANNE ROLLER SPELLMAN
RHOADS ELLIOTT STEVENS
ROSALINE F. ZAM

DELTA OMEGA

NATIONAL PUBLIC HEALTH HONOR SOCIETY

ROGER HARVEY BERNIER
BRIAN LEWIS BILES
PETER ALAN BOXER
LYNDA BOYER
JAAP FRANS BROEKMANS
CLAREANN HESS BUNKER
TRUDY L. BUSH
WILLIAM CARL CARTINHOOR, JR.

THORNTON S. CODY, JR.
ARTHUR ELSON COHEN
ROBERT JOSEPH COLLINS, JR.
PAUL JEROME CONVERSE
LORETTA ANN DASH
ALBERT DAVID DONNENBERG
TOMAS RODOLFO GUILARTE
YING-HUI HSIANG
B. P. KELCH

LEONARD ALAN MERMEL
MARGARET HELEN NAYLOR
CAROL ANN NEWILL
SUE VAUTHIER RAVEN
THELMA ALAFIA SAMUELS
STEVEN PAUL SCHWARTZ
MICHAEL LESLIE TERRIN
CYNTHIA L. UBER

HONORS

Baccalaureate Candidates in the Schools of Arts and Sciences and Engineering

Graduating with General Honors

NELSON HARRIS AARON
KEITH DAVID AARONSON
CHARLES SAMUEL ABRAMS
JENNIFER M. ADAMS
JOHN BAHRAM AIDUN
MARY BETH AIST
MARJANEH AKBARI
MARC ELLIOT ALTERMAN
JEFFREY HAROLD ARONSON
JONATHAN YAACOV ART
MICHAEL CHARLES BAKER
ALBERT SIDNEY CATES BALDRIDGE
KEVIN GLENN BARTKOVICH
DAVID CARL BECKER
NELSON J. BERKOWITZ
AUDREY BERNSTEIN
CATHERINE MARY BONK
HALLIE CAREN BOORSTYN
STEPHEN THOMAS BRADY
KAREN GAIL BRAUNWALD
RICHARD DEAN BRENDER
MAURY BUCHALTER
BRIDGET ANN BUCKMAN
TERESA MARIE BUESCHER
GEOFFREY HAMMOND III CEDERHOLM
ANTHONY CHRISTOPHER CHANG
DENISE ANNE CHARRIER
BESSIE B. CHEN
JULIA CHUAN-MI CHENG
STEVEN SCOTT CHERENSKY
JOSEPH LOGUE CHRISTENSON
SALLY HAMMOND CLARKE
ANDREW SOLOMON COHEN
RICHARD JOEL COHN
BERNADETTE MARY CONNAUGHTON
JACQUELINE GUNN COOLIDGE
CAROL ELLEN CORNELL
GEORGE PETER COUTROS
JOHN LLOYD CULLETON
MICHAEL STEPHEN DALE
THOMAS EDWARD DANNALS
JULIE CAROL DAVIES
WILLIAM JOHN DE BRUIN
DEBRA ANN DODD
DAVID KARL DOVNARSKY
JOHN FRANCIS DOWNING, JR.
MATTHEW MARC EISENSTEIN
ROBERT ELKIN
RICHARD PENN EMBREY
KEVIN CLARK EMERSON
DAVID ALAN FERENCI
CAROLE LYNN FERN

DOLORES M. FERNÁNDEZ
CONRAD BRUCE FOLEY
ROBERT STEPHEN FORD
HOWARD STEVEN FOX
JOSEPH FRANCIS, JR.
DAVID ALBERT FRYBURG
ALAM SETH GARDEN
DAVID W. GELBER
MICHAEL FRANCIS GIORDANO
SEAN THOMAS GLOTH
KENNETH LAWRENCE GOETZ
CLIFFORD DAVID GOLDMAN
ROBERTA ANNE GOTTLIEB
VALERIE ANN GREAUD
JOEL DAVID HANSEN
F. ANDREW HANSSEN
MARILYN DINA HARTMAN
DONNA FAY HEINEMANN
SANDRA LYNN HENDERSON
JOSIAH MCCONNELL HEYMAN
DAVID BRENT HOBBS
KENNETH JAMES HOLROYD
HENRY H. HSU
DAVID L. JACOBSON
MICHAEL ROMAN JACUCH
JULIANE FLORA JANIS
EDWARD PAUL JOSEPH
HOWARD FALK KAPLAN
JEFFREY ALAN KATZ
FRANK KIM
NANCY CAROL KIME
ROBERT JOEL KLEIN
BRIAN NORIYUKI KITSUNAI
BARRY SETH LANDEW
DOMINICK ALLAN LANZO
GAIL SUZANNE LEASEBURGE
SCOT ALAN LeBOLT
ELISE VIRGINIA LeCOMPTE
HARRY LERNER
KAREN PAULA LEVIN
JOHN-PETER LEWIS
JOHN CHARLES LINK
DAVID JOHN MANGEFRIDA, JR.
JEFFREY LAWRENCE MARKS
SUSAN LYNN MEYER
LYNN A. MEYERS
BARRY IRA MICHELSON
MICHAEL DAVID MILLER
DAVID LEE MILLS
FARZAD MOKHTARIAN
MICHAEL ALBERT MONT
DIANA VIVIAN MORGAN

BARBARA JEAN MROZ
ASEET MUKHERJEE
STEVEN HOWARD NURENBERG
MARY O'REGAN
RONALD KEVIN O'ROURKE
JOHN OLAF OSBY
PRAVINKUMAR KANTILAL PATEL
PHILLIP LAWRENCE PEARL
HEIDI MERCEDES PINKERT
ELAINE SUSAN PIZZO
LORI SUE PLOTKIN
LAURA VAN HARLINGEN POTTER
LYNDA ANNE PRINCE
ROBERT IRA PRINCE
ALEXANDER PAUL REINER
JAY LAWRENCE REMIS
MICHAEL ERIC RESCH
JONATHAN ROBERT RIGDEN
MONA ALISON ROSEN
LAWRENCE STEVEN ROTHENBERG
MARSHAL LOUIS SALANT
LESLIE A. SANDERS
DANA LYNN SANDERSON
SANFORD MICHAEL SAUNDERS, JR.
NOAH SETH SCHENKMAN
RAYMOND LOUIS SCHIETTINO
PHYLLIS SCHMIEDEBERG
DAVID SCOTT SCHULMAN
JOANNA MARIE SCHWARTZ
MICHAEL FRANCIS SCHWERIN
JOHN ROBERT SCULLY
RICHARD HENRY SEAMON
HOPE CONSTANCE SELINGER
GLENN K. SCHULMAN
STEPHEN ROBERT SHUTT
JAMES SIDBURY
JAMES DAVID SILVERMAN
BARBARA MARIE SIMMONS
THOMAS ARTHUR SIMSER, JR.
SHARON BETH SINSKY
GREGORY MORE SKARDA
WILLIAM EARL SMIDDY
GERALD FRANCIS SPADA
GENE SPIVAK
DAVID WILLIAM STEPNIK
LESLIE ANN STILLWELL
LELAND SCOTT STONE
KATHLEEN ELAINE SULLIVAN
UMAPATHY SUNDARAM
ISRAEL JONATHAN SYKES
DAVID RANDY TABB
CHRISTOPHER SCHURMAN TAYLOR

Continued on next page

JAMES HAROLD THOMPSON
STEPHEN E. TRIMBOLI
AMY YUE-SHUN TS'O
DAVID ERIC TUNKEL
JEFFREY M. WAHL

CRAIG STUART WALVATNE
LEWIS CHARLES WASSERMAN
TIMOTHY VAN HYDE WHITCOMBE
ROBERT ERNEST WIESNER, JR.
SCOTT WEDGWOOD WOLFE

MARK ANTHONY WOLFRAM
CAROLYN MEI-LIN WONG
ALAN ROBERT WORMSER
ELIZABETH ZOLTAN
DAVID MICHAEL ZUCKER

Baccalaureate Candidates in the Schools of Arts and Sciences and Engineering

Graduating with Departmental Honors

NELSON HARRIS AARON
JENNIFER M. ADAMS
CHARLES SAMUEL ABRAMS
ROBERT FRANCIS ALEXANDER
MARC ELLIOT ALTERMAN
JONATHAN YAACOV ART
MICHAEL CHARLES BAKER
ALBERT SIDNEY CATES BALDRIDGE
KEVIN GLENN BARTKOVICH
DAVID CARL BECKER
BRIDGET ANN BUCKMAN
DAVID OMAR BUNDY
GEOFFREY HAMMOND III CEDERHOLM
DENISE ANNE CHARRIER
JULIA CHUAN-MI CHENG
STEVEN SCOTT CHERENSKY
SALLY HAMMOND CLARKE
ANDREW SOLOMON COHEN
GAYLE A. COHEN
RICHARD JOEL COHN
GEORGE PETER COUTROS
MICHAEL STEPHEN DALE
JULIE CAROL DAVIES
ROBERT ELKIN
KEVIN CLARK EMERSON
DAVID ALAN FERENCI
DOLORES M. FERNÁNDEZ
HOWARD STEVEN FOX
HOWARD NEAL FUTERMAN

SEAN THOMAS GLOTH
ELIZABETH ANN GROSSMAN
JOEL DAVID HANSEN
MARILYN DINA HARTMAN
SANDRA LYNN HENDERSON
JOSIAH MCCONNELL HEYMAN
SCOTT ALTEN HISEY
MATTHEW M. KAPLAN
JEFFREY ALAN KATZ
ROBERT JOEL KLEIN
BARRY SETH LANDEW
JOHN CHARLES LINK
ANDREW LEE MATZ
SUSAN LYNN MEYER
BENJAMIN HOWARD MILLER
DAVID LEE MILLS
BRUCE C. MITCHELL
FARZAD MOKHTARIAN
DIANA VIVIAN MORGAN
ASEET MUKHERJEE
STEVEN HOWARD NURENBERG
MARY O'REGAN
JOHN OLAF OSBY
FRANCISCO S. PARDO
PRAVINKUMAR KANTILAL PATEL
LORI SUE PLOTKIN
GAIL ANN REEDMAN
JAY LAWRENCE REMIS
MICHAEL ERIC RESCH

JACK MICHAEL ROSENBERG
LAWRENCE STEVEN ROTHENBERG
ROBERT THOMAS RUMER
MARSHAL LOUIS SALANT
SANFORD MICHAEL SAUNDERS, JR.
MICHAEL FRANCIS SCHWERIN
JOHN ROBERT SCULLY
RICHARD HENRY SEAMON
MARK JOHN SHUSTED
STEPHEN ROBERT SHUTT
JAMES SIDBURY
BARBARA MARIE SIMMONS
THOMAS ARTHUR SIMSER, JR.
SHARON BETH SINSKY
GREGORY MORE SKARDA
GERALD FRANCIS SPADA
GENE SPIVAK
DAVID LANNING SPIVEY
KATHLEEN ELAINE SULLIVAN
UMAPATHY SUNDARAM
CHRISTOPHER SCHURMAN TAYLOR
STEPHEN E. TRIMBOLI
DAVID ERIC TUNKEL
MARY ANN VOYTEK
JEFFREY M. WAHL
TIMOTHY VAN HYDE WHITCOMBE
SUSAN ELLEN WILLIAMS
DAVID MICHAEL ZUCKER

Graduates from the Biology Honors Program

BARBARA MARIE SIMMONS

Graduates from the Humanistic Studies Honors Program

RICHARD DEAN BENDER

DAVID LANNING SPIVEY

Baccalaureate Candidates in The Evening College

Graduating with Honors

JACOB MOSES BAGLEY
DAVID JOSH BARER
RONALD LEONARD BOIS
LILLIAN HINDE BURGUNDER
JOANN COOK CHAMBERS
AMRAM HILLEL FELDMAN
DAVID REVERE FOSTER
NASANEL SHRAGAI FREIMARK

MARVIN JOSEPH FRIEDMAN
NORMAN ASHER GREENHUT
RICHARD LAWRENCE HOBSON, SR.
REA LEHMAN KNISBACHER
AARON KNISBACHER
AARON KRAUSE
MARTHA ANN QUANDT LAMBERT
JOAN FAITH LERNER

THERESA MARIE MACKEY
GAIL HEBDEN MERENYI
DAVID RALPH NORTHRUP
SUSAN MARGARET BUNCH PHELPS
EDWARD MEREDITH PRESNELL
ROSALIE JEAN RUSSELL
MARGHERITE WILSON WILLIAMS
CAROLYN WOOD YOUNG

CANDIDATES FOR DEGREES

as of May 14, 1980

A number of the students included in the lists which follow completed their degree requirements earlier in the academic year and could not be present today to receive their degrees in person.

BACHELORS OF ARTS

in The School of Arts and Sciences

KEITH DAVID AARONSON, of Somerset, N. J.
JENNIFER M. ADAMS, of Glenn Dale, Md.
BRUCE LAWRENCE ADELSON, of Yonkers, N. Y.
JOHN BAHRAM AIDUN, of Camillus, N. Y.
MARY BETH AIST, of Fort Washington, Md.
MARJANEH AKBARI, of Arlington, Va.
MARC ELLIOT ALTERMAN, of Passaic, N. J.
DANIEL THOMAS ARCURE, of Morris Plains, N. J.
JEFFREY HAROLD ARONSON, of Needham, Mass.
PETER JAMES AVTGES, of Belmont, Mass.
SUSAN JEAN BAISLEY, of State College, Pa.
ALBERT SIDNEY CATES BALDRIDGE, of Denver, Colo.
BRIGITTE MARIE BALLA, of Washington, D. C.
THERESA MARIE BARBA, of Toms River, N. J.; A.A. Ocean County College, 1978.
CHRISTOPHER HARRIS BARTLETT, of Hampden, Mass.
CATHERINE ANN BATTAGLIA, of New York, N. Y.
BARBARA JANE BAXTER, of Tempe, Ariz.
STEVEN FLEMING BEAL, of Needham, Mass.
JOANNA BEALL, of Stratford, Conn.
BRIAN N. BECKER, of Yonkers, N. Y.
JOSEPH THOMAS BEDNAREK, of Billings, Mont.
DAVID CHARLES BENTON, of Belle Mead, N. J.
BRENT ASHER BERGER, of Potomac, Md.
NELSON J. BERKOWITZ, of Beverly Hills, Calif.
AUDREY BERNSTEIN, of Riverdale, N. Y.
KENNETH TSUGIO BESS, of Laurel, Md.
KATHRYN PORTER BESSMAN, of Severna Park, Md.
JAMES DAVID BIDNE, of Baltimore, Md.
JOY LYNETTE BLACK, of Yorktown Heights, N. Y.
KARL ELIOT BLOCK, of Lexington, Mass.
JEFFERSON LEE BLOMQUIST, of Manlius, N. Y.
DAVID ROBERT BONETTE, of Princeton, N. J.
CATHERINE MARY BONK, of Pittsburgh, Pa.
HALLIE CAREN BOORSTYN, of New York, N. Y.

ELLEN MARIA BOWLES, of Bethesda, Md.
STEPHEN THOMAS BRADY, of Greensburg, Pa.
JOHN LOUIS BRANDEIS, of Fair Lawn, N. J.
KAREN GAIL BRAUNWALD, of Weston, Mass.
RICHARD DEAN BRENDR, of New York, N. Y.
ROBERT JEFFREY BRIDGER, of Shreveport, La.
KENNETH ALLEN BROWN, of Baltimore, Md.
RUSSELL DAWES BROWN, of Glen Ellyn, Ill.
LANNING GERALD BRYER, of Beechhurst, N. Y.
MAURY BUCHALTER, of Closter, N. J.
RAYMOND ALFRED BUCK, of Fallston, Md.; AA. Harford Community College, 1978.
CARY SANDOR BUCKMAN, of Highland Park, Ill.
TERESA MARIE BUESCHER, of Silver Spring, Md.
KENNETH LEE BYRON, of Hampden, Mass.
JAMES SCOTT CALDWELL, of Catonsville, Md.
DAVID GENE CAMPBELL, of Baltimore, Md.
MICHAEL PATRICK CARROLL, of Convent Station, N. J.
KENNETH OLANDER CARTER, of Woodstown, N. J.
VIRGINIA ELLEN F. CARTER, of St. Louis, Mo.
ROBERT GABRIEL CASSILLY, of Bel Air, Md.
GEOFFREY HAMMOND III CEDERHOLM, of Washington Township, N. J.
GEORGE PAUL CHAMBERS, of Baltimore, Md.
ANTHONY CHRISTOPHER CHANG, of Budd Lake, N. J.
KATHY HO-HUEI CHANG, of Rockville, Md.
DAVID IAN CHARNEY, of Flushing, N. Y.
BESSIE B. CHEN, of Rockville, Md.
SUN CHEN, of Larchmont, N. Y.
JULIA CHUAN-MI CHENG, of Lyndhurst, Ohio.
ROBERT JAMES CHERRY, of DuBois, Pa.
JESSE ROBERT CHESTER, of Washington, D. C.
STEPHEN MICHAEL CHIN, of Oakland, Calif.
JOSEPH LOGUE CHRISTENSON, of Coronado, Calif.
ELIZABETH MARBURY CLAGETT, of Upper Marlboro, Md.

SALLY HAMMOND CLARKE, of Upper Falls, Md.
 CHRISTOPHER SLADE COCKEY, of Baltimore, Md.
 ANDREW SOLOMON COHEN, of Berkeley Heights, N. J.
 GAYLE A. COHEN, of Baltimore, Md.
 TIMOTHY JOHN COLLINS, of Roslyn, Pa.
 BERNADETTE MARY CONNAUGHTON, of Lutherville, Md.
 GEORGE IGNATIUS CONNOLLY, of Norwood, Mass.
 JACQUELINE GUNN COOLIDGE, of Grand Rapids, Mich.
 SHARON SUE COOPERMAN, of Woodhaven, N. Y.
 PAUL ROGER CORDTS, of Frostburg, Md.
 CAROL ELLEN CORNELL, of Baltimore, Md.
 FRANK ANTHONY COSTANTINO, of Middlesex, N. J.
 JEFFREY GEORGE CRIBBS, of Greensburg, Pa.
 ANN HALLIE CRONE, of St. Charles, Mo.
 JOSEPH FAUSTINO CUBELLS, JR., of Smithtown, N. Y.
 JOHN LLOYD CULLETON, of Huntington, N. Y.
 LYNN MARIE DAGGETT, of Holliston, Mass.
 MICHAEL STEPHEN DALE, of Bedford, N. H.
 JAMES GRAHAM DAMON III, of Stamford, Conn.
 GENE ANDREW DANKO, of Edgewood, Pa.
 THOMAS EDWARD DANNALS, of Dix Hills, N. Y.
 JULIE CAROL DAVIES, of Grand Rapids, Mich.
 CURTIS WAYNE DAVIS, of Charlottesville, Va.
 EUGENE NOLEN DAVIS II, of Washington, D. C.
 LINDA LEE DAWSON, of Washington, D. C.
 WILLIAM JOHN DE BRUIN, of Fair Lawn, N. J.
 LINDA L. DELP, of Baltimore, Md.
 BRADLEY MARK DENKER, of Baldwin, N. Y.
 GEOFFREY JONES DE SIBERT, of Boulogne, France
 DAVID WILLIAM DESMITH, of West Simsbury, Conn.
 JAMES GEORGE DISNEY, of Hollis, N. H.
 DEBRA ANN DODD, of Haddonfield, N. J.
 PATRICIA DONAHUE, of Pottsville, Pa.
 KEVIN RICHARD DORING, of Brooklyn Park, Md.
 DAVID KARL DOVBNARSKY, of Harrisburg, Pa.
 JOHN FRANCIS DOWNING, JR., of Buffalo, N. Y.
 ANDREW BENNETT DOWNS, of Mill Valley, Calif.
 WILLIAM ROBERT EBSWORTH, of McCandless, Pa.
 LAURE EDMUNDS, of Worcester, Mass.
 MATTHEW MARC EISENSTEIN, of Skokie, Ill.
 MARK SOL EISNER, of New Rochelle, N. Y.
 ROBERT ELKIN, of Freeport, N. Y.
 RICHARD PENN EMBREY, of Lynchburg, Va.
 KEVIN CLARK EMERSON, of Natick, Mass.
 RONALD BERRY EMESON, of Denver, Colo.
 NEAL FRANCIS EPSTEIN, of West Hartford, Conn.
 PATRICK A. ERCOLANO, of Baltimore, Md.
 JEFFREY MARK ERLE, of Tenaflly, N. J.
 CHARLES SAMUEL FADDIS, of Wind Ridge, Pa.
 ANGELO JOHN FALCIANI, of Swedesboro, N. J.
 DEBORAH FALLET, of New Milford, N. J.
 MICHAEL SALVATORE FEDERICO, of Baltimore, Md.
 PHILIP CHARLES FEDERICO, of Baltimore, Md.
 DAVID ALAN FERENCI, of Philadelphia, Pa.
 DOLORES M. FERNÁNDEZ, of New York, N. Y.
 PHILIP JEFFREY FERRIS, of Towson, Md.
 LISA DEE FIELDMAN, of Arvada, Colo.
 BARNEY JOSEPH FIELDS, of Manhasset, N. Y.
 ROBERT LOUIS FINK, of Baltimore, Md.

SCOTT ANDREW FINSON, of Denville, N. J.
 THEODORE PHILLIP FIRESTONE, of New Rochelle, N. Y.
 MARK KENDALL FISCHER, of Virginia Beach, Va.
 STEPHEN JAMES FISH, of Charleston, W. Va.
 STUART LAWRENCE FISH, of White Plains, N. Y.
 CONRAD BRUCE FOLEY, of Valparaiso, Fla.
 THOMAS JOSEPH FONTANETTA, of Manhasset, N. Y.
 ROBERT STEPHEN FORD, of Denver, Colo.
 HOWARD STEVEN FOX, of Elk Grove Village, Ill.
 JOSEPH FRANCIS, JR., of New Castle, Del.
 LAWRENCE DAVID FRANKEL, of Roslyn, N. Y.
 DAWN MÖRI FRITZBERG, of The Dalles, Oreg.
 DAVID ALBERT FRYBURG, of New York, N. Y.
 HOWARD NEAL FUTERMAN, of Bexley, Ohio.
 JAMES WILLIAM GALBIATI, of Andover, Mass.
 ADAM SETH GARDEN, of Brooklyn, N. Y.
 FRANCES L. GARFINKEL, of Wallingford, Pa.
 DAVID W. GELBER, of Scotia, N. Y.
 DAVID SAUL GELLER, of Belle Harbor, N. Y.
 DANIELE GERARD, of New York, N. Y.
 MICHAEL FRANCIS GIORDANO, of Uniondale, N. Y.
 BARBARA JOY GITTLEMAN, of New York, N. Y.
 HELENE SUE GLICK, of Pittsburgh, Pa.
 JULIUS GEORGE KONRAD GOEPP, of Frostburg, Md.
 KENNETH LAWRENCE GOETZ, of Pittsburgh, Pa.
 MICHAEL SCOTT GOLD, of Randallstown, Md.
 NANCY ELIZABETH GOLDBERG, of Brookline, Mass.
 CLIFFORD DAVID GOLDMAN, of White Plains, N. Y.
 STEWART JONATHAN GORDON, of Woodhaven, N. Y.
 ROBERTA ANNE GOTTLIEB, of Grants, N. M.
 KEVIN JOSEPH GRANVILLE, of Morristown, N. J.
 MARK THADDEUS GRAY, of Baltimore, Md.
 VALERIE ANN GREAUD, of Newport News, Va.
 MARK JAY GREENBERG, of Pikesville, Md.
 COLIN MONTGOMERY GREENE, of Crystal River, Fla.
 CHARLES HAMILTON GRICE, of Austin, Texas
 ELIZABETH ANN GROSSMAN, of White Plains, N. Y.
 STEVEN PAUL GUARNACCIA, of Winchester, Mass.
 JOHN HUNTER GUNN, of Westport, Conn.
 TERRI ANN HAACKE, of Chestertown, Md.
 CAROLYN FLORENCE HAHN, of Port Washington, N. Y.
 SAMUEL ELIJAH HALL, of Silver Spring, Md.
 SPENCER ATCHISON HALL, of Roswell, N. M.
 JOSEPH RICHARD HAMMERMAN, of Arlington, Va.
 RALEIGH WALTER HANKINS, of Tucson, Ariz.
 JAMES FRANCIS HANS, of East Meadow, N. Y.
 F. ANDREW HANSSEN, of Redding, Conn.
 MARK RAYMOND HARDY, of Baltimore, Md.
 KELSEY JOAN HARRIS, of Delta, Pa.
 MARILYN DINA HARTMAN, of Baltimore, Md.
 TODD GRANT HATHAWAY, of Jacksonville, N. C.
 WILLIAM HENRY HAZELHURST, JR., of Towson, Md.
 DONALD LEE HEINE, of Elk City, Okla.
 DONNA FAY HEINEMANN, of Rockaway Township, N. J.
 OWEN W. HELEN, JR., of New Bedford, Mass.
 SANDRA LYNN HENDERSON, of Baltimore, Md.
 ROBERT WILLIAM HESS, of Raynham, Mass.
 JOSIAH MCCONNELL HEYMAN, of Baltimore, Md.
 POLLY STEWART HILL, of Baltimore, Md.
 BETH A. HIRSCH, of Verona, N. J.

SCOTT ALTEN HISEY, of Baltimore, Md.
 DAVID BRENT HOBBS, of Niantic, Conn.
 KENNETH JAMES HOLROYD, of Springfield, Va.
 CHARLES SCOTT HOLUPKA, of Dundalk, Md.
 LINDA ETHEL HORTON, of Schenectady, N. Y.
 LUIS HORACIO HOYOS-OROZCO, of Bogota, Colombia.
 HENRY H. HSU, of Rockville, Md.
 SUBER S. HUANG, of Baltimore, Md.
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 RON KHAZAN, of Owings Mills, Md.
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 MARK ALAN KOENIG, of Oceanside, N. Y.
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 TEPPER MARK KOGA, of Glen Ellyn, Ill.
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 DOMINICK ALLAN LANZO, of Stony Brook, N. Y.
 SCOT ALAN LEBOLT, of Closter, N. J.
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 GREGORY PAUL LENARDO, of Park Ridge, Ill.
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 LYNN A. MEYERS, of Baltimore, Md.; A.A. Montgomery College, 1978.
 BARRY IRA MICHELSON, of North Miami Beach, Fla.
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 CHRISTINE O'DONNELL MILLER, of Staten Island, N. Y.
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 Valencia Community College, 1976.
 JUDITH RENÉE SKLAR, of Baltimore, Md.
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 BARBARA LYNN SMITH, of Pittsburgh, Pa.
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 GENE SPIVAK, of Brookville, N. Y.
 DAVID LANNING SPIVEY, of Baltimore, Md.
 KAREN ISABELLE SQUARRELL, of Colorado Springs, Colo.
 BARBARA NANCY SQUIRES, of San Antonio, Texas.
 GEORGE PATRICK STANTON, of Fairmont, W. Va.
 JAMES GAJA STEADMAN, of Upper Montclair, N. J.
 STEPHEN CRAIG STEC, of Catonsville, Md.
 DAVID WILLIAM STEPNIK, of Pittsburgh, Pa.
 ADAM RICHARD STERN, of Flushing, N. Y.
 ERIC GROMAN STERN, of Fairfax, Va.
 LESLIE ANN STILLWELL, of Granby, Conn.
 KEVIN CARL STONE, of Halifax, Vt.
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 KATHLEEN ELAINE SULLIVAN, of Colorado Springs, Colo.
 RICHARD OSCAR SWIEKA, of New York, N. Y.
 ISRAEL JONATHAN SYKES, of Baltimore, Md.; B.A. Baltimore
 Hebrew College, 1979.
 DAVID RANDY TABB, of Reisterstown, Md.
 MARIAN TERESA PERRY TAMBURRINO, of Baltimore, Md.
 CISSY MYINT MYINTAYE TAN, of Columbus, Ohio.
 CHRISTOPHER SCHURMAN TAYLOR, of Arlington, Va.
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 JAMES EDWARD TOLIVER, JR., of University City, Mo.

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 MARY ANN VOYTEK, of Greensburg, Pa.
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 MARIA WONG, of Hong Kong.
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 DAVID CARL BECKER, of Baltimore, Md.; A.A. Essex Community College, 1978.
 JOSEPH IRA BORMEL, of Pikesville, Md.
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 RANDOLPH LAWRENCE KASPER, of Towson, Md.
 NEIL A. KATIN, of Yonkers, N. Y.

LYNN ELLEN KATZ, of Bethesda, Md.
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 GREGORY JOSEPH MATANOSKI, of Reisterstown, Md.
 THOMAS PATRICK MEURER, of Baltimore, Md.
 DAVID LEE MILLS, of Cambridge, Md.
 STEVEN CHRISTOPHER MOCK, of Fallston, Md.
 FARZAD MOKHTARIAN, of Tehran, Iran.
 JEREMY ISAAC NADELMANN, of Scarsdale, N. Y.
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 PRAVINKUMAR KANTILAL PATEL, of Harrisburg, Pa.
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 PAUL ROBERT SANCHEZ, of Baltimore, Md.

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 MICHEL SCHNEIDER, of McLean, Va.
 JOHN ROBERT SCULLY, of Ellicott City, Md.
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 ALAN STUART TABORSKY, of Baltimore, Md.

RODERICK JOHN TAFOYA, of Denver, Colo.
 SAMUEL EUGENE TAYLOR, of Monroeville, Pa.
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 KAREN JOANNE VAIL, of Fulton, Md.
 GREGORY I. VOSS, of Willow Grove, Pa.
 SCOTT LAWRENCE WALDRON, of Cambridge, Md.
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 DANIEL KOZARSKY, of Cinnaminson, N. J.
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 SHARON BETH SINSKY, of Owings Mills, Md.
 SUSAN ELLEN WILLIAMS, of Baltimore, Md.
 DAVID MICHAEL ZUCKER, of Randallstown, Md.

BACHELORS OF SCIENCE

in The School of Health Services

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 University, 1967. Health Associate.

BACHELORS OF MUSIC

in The Peabody Conservatory of Music

GEOFFREY ALLAN APPLGATE, of San Diego, California.
 Violin.
 BRIAN L. BESHORE, of Arcadia, California. Violin.
 WILLIAM MILTON BONNELL, of Milford, New Jersey.
 Saxophone.
 DONALD I. BROWN, of Alexandria, Virginia. Music Educa-
 tion.
 ROBERT RUSSELL CODDINGTON, of Damascus, Maryland.
 Guitar.

CHARLENE CHRISTINE CONNER, of Miami, Florida. Harp.
 SAMUEL CRAIN, of Springfield, Illinois. Composition.
 PATRICIA ANN CRISAN, of Hyattsville, Maryland. Music
 Education.
 MARK ANTHONY CROMER, of Columbia, South Carolina.
 Guitar.
 COLLEEN LORRAINE DARKOW, of Olympia, Washington.
 Flute.

DEBORAH M. DASILVA, of Newtown, Connecticut. Music Education.
 CHARLES ERIC EDBERG, of Tampa, Florida. Violoncello.
 HALI ANNETTE FIELDMAN, of Arvada, Colorado. Flute.
 LISA FRANCES GIBSON, of Farmington Hills, Michigan. Voice.
 STEVEN LEWIS GILLENWATERS, of Crownsville, Maryland. Organ and Voice.
 NATHANIEL ANDREW GUNOD, of Silver Spring, Maryland. Guitar.
 DAVID JAMES HARDY, of Baltimore, Maryland. Violoncello.
 HOLLIS ELISABETH HAROOTUNIAN, of Chicago, Illinois. Flute.
 ANNE ELIZABETH HARRIGAN, of Minneapolis, Minnesota. Violin.
 MICHAEL HEDGES, of Enid, Oklahoma. Composition.
 JAMES DUVAL HICKS, of Fredericksburg, Virginia. Organ.
 JOSEPH DANIEL HUBAND, of Richmond, Virginia. Clarinet.
 JACK WILLIAM HUDGINS, III, of Lufkin, Texas. Percussion.
 REBECCA ANN JEMIAN, of Auburn, Alabama. Bassoon.
 REBECCA FRANCES KNEELAND, of St. Louis, Missouri. Violin.
 CHRISTOPHER MARTIN LAUGHLIN, of Kenilworth, Illinois. Guitar.
 ERNEST JAMES LIOTTI, of Ft. Lauderdale, Florida. Piano.
 DEBRA MARION LIVANT, of Gaithersburg, Maryland. Flute.
 JOHN GEORGE LOCKE, JR., of Somerville, New Jersey. Percussion.
 OLIVE RACHELLE LYNCH, of Edgewood, Maryland. Voice.
 TERENCE STEPHEN MANZO, of Baltimore, Maryland. Music Education.
 CLARA REBECA MARIN, of Baltimore, Maryland. Guitar.
 PAMELA ANNE MARTIN, of Stockton, California. Piano.
 MARY SUSAN MATSON, of Valley Forge, Pennsylvania. Piano.
 DALE L. MCKINLEY, of Wayne, New Jersey; B.A. Lehigh

University, 1974; B.M. (Piano) Peabody Conservatory of Music, 1979.. Voice.
 JAMES KEVIN MCLELAND, of Wichita, Kansas. Violin.
 HERMAN M. MEYER, of Baltimore, Maryland; B.A. University of Maryland, Baltimore County, 1974. Guitar.
 JUDITH ELLEN MEYERSBERG, of Spokane, Washington; B.M. (Piano) Peabody Conservatory of Music, 1979. Voice.
 MELINDA LEE MONCURE, of Springfield, Virginia. Violin.
 CLAIRE E. MORDAS, of Nanuet, New York. Piano.
 HUGH ROBERT MURPHY, of Daytona Beach, Florida. Piano.
 CATHERINE NARDIELLO, of Franklin, Ohio. Organ.
 ERIC NELSON, of St. James, New York. Clarinet.
 MARTIN B. PHILIP, of Catonsville, Maryland. Music Education.
 SHIRLEY ANNE PLUMER, of Baltimore, Maryland. Bassoon.
 MELINDA CHAVA ROSENFELD, of Menlo Park, California. Flute.
 AMY ROSSER, of Federalsburg, Maryland. Harpsichord.
 KATHLEEN SCHIETROMA, of Greensburg, Pennsylvania. Music Education and Oboe.
 ANNA PATRICK SINGER, of Sewickley, Pennsylvania. Voice.
 NANCY CHRISTINE SKOCZYNSKI, of Norfolk, Virginia. Flute.
 BRENDA LEE SLOAN, of Portland, Oregon. Voice.
 HELEN MARIE SMITH, of Silver Spring, Maryland. Piano.
 KAREN ELAINE SMITH, of Trenton, New Jersey. Music Education.
 RONALD PERRY SMITH, of Levittown, Pennsylvania. Violin.
 SIRIPORN SRIMANUNTIPHOL, of Bangkok, Thailand. Piano.
 STEPHEN BRADLEY STODER, of Fairfax, Virginia. Piano.
 SHARON MARIE TIEBERT, of Beech Grove, Indiana. Horn.
 CALEB TSAI, of Sydney, Australia. Piano.
 DALE LAWRENCE VIRGIL, of Columbia, Maryland. Guitar.
 MARY HELEN WALTER, of Richmond, Virginia. Harp.
 MARY K. WELLIVER, of Lititz, Pennsylvania. Horn.
 WAYNE W. WELLS, of Houston, Texas. Trombone.

ASSOCIATES OF ARTS

in The Evening College

ROSEMARY MARGUERITE DARONE, of Baltimore, Md.

DALE ELIZABETH HART, of Baltimore, Md.

ASSOCIATES OF SCIENCE

in The Evening College

JAY EDWARD COHEN, of Baltimore, Md.
 LEE ANTHONY DREGIER, of Baltimore, Md.
 DONALD GEORGE HAGNER, of Freeland, Md.
 MARIE KELLY KARPINSKI, of Baltimore, Md.

DEBORAH JEANNE JASINSKI PEPESSACK, of Edgewood, Md.
 THOMAS PRENTICE, of Baltimore, Md.
 ELNORA WATSON, of Baltimore, Md.

BACHELORS OF SCIENCE

in The Evening College

- EDGAR DONALD AIREY, JR., of Monkton, Md.
 GERALD HUNTER ALLEN, of Columbia, Md.
 JOANN MURRAY ARDILLO, of Baltimore, Md.
 JACOB MOSES BAGLEY, of Baltimore, Md.
 GEORGE MELVIN BAKER, JR., of Baltimore, Md.; A.S. The Johns Hopkins University, 1976.
 DAVID JOSH BARER, of Lakewood, N. J.
 AARON S. BARON, of Randallstown, Md.
 VALERIE ANN BARRON, of Baltimore, Md.
 HAILE GIBSON BLATT, of Baltimore, Md.
 MICHELE ROSE BORKOWICZ, of Baltimore, Md.
 NORMA TRACY BROUGH, of Baltimore, Md.
 LILLIAN HINDE BURGUNDER, of Baltimore, Md.
 DAVID WINFIELD BUTTON, of Baltimore, Md.
 WILLIAM LAWRENCE CAREY, of Baltimore, Md.; A.S. The Johns Hopkins University, 1977.
 JAYNE WURSTNER CARSON, of Gettysburg, Pa.
 JOANN COOK CHAMBERS, of Columbia, Md.
 CHARLES EUGENE CROSS, of Glen Burnie, Md.
 RONALD WILLIAM DEMPSEY, of Ellicott City, Md.
 MARIA ANNA LASARKO DOBROWOLSKY, of Ellicott City, Md.
 GEORGE EMANUEL DRESSER III, of Baltimore, Md.; A.S. The Johns Hopkins University, 1976.
 MITCHELL LEWIS ESRAL, of Baltimore, Md.
 AMRAM HILLEL FELDMAN, of Baltimore, Md.
 RODNEY SEVERIN FLOREK, of Baltimore, Md.
 NASANEL SHRAGAI FREIMARK, of Baltimore, Md.
 MARY ELLEN LANG FRENKIL, of Baltimore, Md.
 MARVIN JOSEPH FRIEDMAN, of Baltimore, Md.
 SANDRA COHEN GOLDSTICK, of Randallstown, Md.
 NORMAN ASHER GREENHUT, of Baltimore, Md.
 JOHN PATRICK HANKEY, of Baltimore, Md.
 ROBERTA RAY HARDEN, of Pasadena, Md.
 LLOYD JOSEPH HARLESS, of Aberdeen, Md.
 DAVID ELI HERMAN, of Baltimore, Md.
 NANCY PHYLLIS MARTIN HOOPES, of Baltimore, Md.
 CAROL ANN HUGHES, of Baltimore, Md.
 RONALD JAMES KIPP, SR., of Baltimore, Md.
 DALE CRAIG KIRBY, of Cockeysville, Md.
 REA LEHMAN KNISBACHER, of Baltimore, Md.
 LINDA ANN KNOCHE, of Towson, Md.
 JOHN JOSEPH KUBRICKY, of Sykesville, Md.; A.S. The Johns Hopkins University, 1976.
 WILLIAM EDWARD KUEHNE, of Towson, Md.
 MARTHA ANN QUANDT LAMBERT, of Pasadena, Md.; A.A. The Johns Hopkins University, 1973.
 SUSAN SANN LEASURE, of Merrillville, Ind.
 ELI LEIBOWITZ, of Baltimore, Md.
 JOAN FAITH LERNER, of Baltimore, Md.
 SUE V. LIVENGOD, of Baltimore, Md.
 BARBARA JOANNE RALEY LOWY, of Reisterstown, Md.; A.S. The Johns Hopkins University, 1978.
 THERESA MARIE MACKEY, of Baltimore, Md.
 ELIZABETH ANN MANLICH, of Lutherville, Md.
 MARYLU CATHERINE MANNING, of Baltimore, Md.
 FRANK CHARLES MANNONE, of Edgewood, Md.
 ROSEMARY ANNE McANDREW, of Baltimore, Md.
 GAIL HEBDEN MERENYI, of Baltimore, Md.
 MARGIE JEAN MOHR, of Baltimore, Md.
 PATRICIA TINKER MORSE, of Baltimore, Md.
 THOMAS MURRAY MURPHY, of Glen Burnie, Md.
 DAVID RALPH NORTHRUP, of Baltimore, Md.
 WILLIAM FRANCIS PERRONE, of Baltimore, Md.
 JOHN CHARLES PHALLER, JR., of Baltimore, Md.
 SUSAN MARGARET BUNCH PHELPS, of Perryman, Md.
 EDWARD MEREDITH PRESNELL, JR., of Pasadena, Md.
 DONNA MARIA HAMMOND PRUITT, of Timonium, Md.
 MARION LOCKERMAN SMITH REINSBERG, of Upperco, Md.
 ROSALIE JEAN RUSSELL, of Baltimore, Md.
 MARY CONJOUR SALB, of Baltimore, Md.; A.A. The Johns Hopkins University, 1977.
 JOAN CECILIA SCHATZ, of Baltimore, Md.
 LAURENCE WILLIAMSON SCHWARTZ, of Bel Air, Md.
 EDWARD CLAYTON WATKINS, JR., of Fallston, Md.
 JUDITH FRED A WIESEL, of Baltimore, Md.
 MARGHERITE WILSON WILLIAMS, of Baltimore, Md.
 MILDRED CRYER WILLSON, of Baltimore, Md.
 MILTENBERGER HALL WORTHINGTON, JR., of Crownsville, Md.
 CAROLINE WOOD YOUNG, of Baltimore, Md.
 AUGUST HERMAN ZIEGLER, JR., of Baltimore, Md.; A.S. The Johns Hopkins University, 1976.
 PATRICIA MARY ZYLA, of Baltimore, Md.; A.S. The Johns Hopkins University, 1977.

BACHELORS OF SCIENCE IN ENGINEERING

in The Evening College

JOHN WILLIAM ARMIGER, of Baltimore, Md.
 WILLIAM TROY BAISDEN, JR., of Joppa, Md.
 WILLIAM MONTGOMERY BALDWIN, JR., of Baltimore, Md.
 STEVEN BANKI, of Baltimore, Md.; A.S. The Johns Hopkins University, 1977.
 BRIAN HARRY BAUER, of Baltimore, Md.
 WILLIAM D. BAUER, of Baltimore, Md.
 MOHAMMED ASLAM BHATTI, of Baltimore, Md.
 EDWARD THOMAS BOCKLAGE, of Baltimore, Md.
 RONALD LEONARD BOIES, of Baltimore, Md.
 MICHAEL ANTHONY BROWN, of Baltimore, Md.
 RONALD CASTAIN, of Randallstown, Md.; A.S. The Johns Hopkins University, 1977.
 JOHN THOMAS DIPPOLD, of Baltimore, Md.
 JEROME JOSEPH DORICH, JR., of Baltimore, Md.
 LESTER ALAN DORNEY, of Darlington, Md.
 ROSS DZWONCZYK, of Baltimore, Md.
 LARRY LYNN ELLIOTT, of Baltimore, Md.
 WILLIAM BLAIR ERTTEL, JR., of Baltimore, Md.
 JOHN JAN-CHUNG FENG, of Reisterstown, Md.
 JOSEPH LEONARD FINKE, of Baltimore, Md.
 ALAN WAYNE FORISH, of Baltimore, Md.
 DAVID REVERE FOSTER, of Annapolis, Md.
 ROBERT THEODORE FRETZ, of Laurel, Md.; A.S. The Johns Hopkins University, 1976.
 JAMES MICHAEL GARRISON, of Pasadena, Md.
 DENNIS FRANKLIN GERLACH, of Baltimore, Md.
 J. ROLF GLISTER, of Severna Park, Md.
 THEODORE GULA III, of New Orleans, La.
 HARRY FRANCIS HACKMAN, of Baltimore, Md.
 RICHARD LAWRENCE HOBSON, SR., of Baltimore, Md.

RAYMOND HARRISON HORTON, of Baltimore, Md.
 STEPHEN BRUCE HOUCK, of Baltimore, Md.
 RICHARD LLOYD HUNTER, of Arnold, Md.
 AARON KRAUSE, of Baltimore, Md.
 FREDERICK MARC, of Elkridge, Md.
 JOHN MERLE MCCULLOUGH, JR., of Baltimore, Md.; A.S. The Johns Hopkins University, 1978.
 DENIS JOHN MENGELE, of Baltimore, Md.
 DONALD RICHARD METZBOWER, of Baltimore, Md.
 BENNETT ALLEN MORROW, of Glen Burnie, Md.
 ARNULFO MUNOZ, of Baltimore, Md.
 MICHAEL EDWARD NEDZEL, of Baltimore, Md.
 LAWRENCE NEUBAUER, of Baltimore, Md.
 WILLIAM WILEY OVERMAN, JR., of Annapolis, Md.
 RICHARD CLINTON REILLY, of Towson, Md.
 LOUIS NELSON REINTHALER, of Baltimore, Md.
 DONALD STEVEN SANDRUCK, of Sykesville, Md.
 CECIL VERNON SCHROCK, of Odenton, Md.
 GEORGE FRANCIS SELING, of Baltimore, Md.
 WILLIAM HOWARD SHUEY, of Westminster, Md.; A.S. The Johns Hopkins University, 1974.
 PABLO SIWAK, of Greenbelt, Md.
 ROBERT MILES STARK, of Baltimore, Md.
 RONALD MICHAEL TASSI, of Baltimore, Md.
 JAMES FRANCIS TEJNECKY, of Baltimore, Md.
 JOSEPH VINCENT TRAPANI, of Baltimore, Md.
 ALFRED JOHN WALLNER, of Baltimore, Md.
 DAVID WILLIAM WALTRUP, of Finksburg, Md.
 JAMES WARREN ZEHNER, of Columbia, Md.; A.S. The Johns Hopkins University, 1976.

MASTERS OF SCIENCE

in The Evening College

JOHN ROBERT ABERG, of Crofton, Md.; B.S. University of Maryland, 1976. Electrical Engineering.
 CAROLYN TILLET ADAMS, of Baltimore, Md.; A.A. Community College of Baltimore, 1971; B.S.N. University of Maryland, 1975. Education.
 KATHERINE THERESE ADAMS, of Baltimore, Md.; B.A. Edgecliff College, 1975. Education.

CATHY SHIMKO AEFSKY, of Crofton, Md.; B.S. Towson State College, 1973. Education.
 EDNA ALLISON, of Havre de Grace, Md; B.S. Pennsylvania State University, 1973. Education.
 JAMES LEE ARMITAGE, of Laurel, Md.; B.S.E.E. Ohio State University, 1975. Applied Physics.
 SHERYL ELAINE ARNESON, of Baltimore, Md.; B.S. Towson State University, 1977. Education.

- LAWRENCE BRUCE ARONHIME, of Baltimore, Md.; B.A. The Johns Hopkins University, 1978. Education.
- NELLIE WEBB ARRINGTON, of Columbia, Md.; B.A. Western Maryland College, 1974. Applied Behavioral Science.
- AVTAR SINGH AULAKH, of Baltimore, Md.; B.Arch. School of Planning and Architecture, India, 1966. Urban Planning.
- DEBORAH HANNA BARKLEY, of Denton, Md.; B.S. Towson State College, 1974. Education.
- LUCILLE ANN BARRETT, of Bel Air, Md.; B.S. Boston State College, 1974. Education.
- SUSAN ELIZABETH BASCH, of Baltimore, Md.; B.S. University of Michigan, 1962. Education.
- FRANCES HARMAN BATESON, of Baltimore, Md.; B.S. Juniata College, 1951; M.L.A. The Johns Hopkins University, 1972. Education.
- MADELEINE WILLIAMS BAUMANN, of Baltimore, Md.; B.S. Morgan State College, 1971; M.L.A. The Johns Hopkins University, 1977. Education.
- MAURICE JAY BAUMGARTEN, of Baltimore, Md.; B.S. The Johns Hopkins University, 1976. Computer Science.
- RICHARD SCOTT BEDELL, of Severn, Md.; B.E. State University of New York, Maritime College, 1975; M.A.S. The Johns Hopkins University, 1978. Environmental Engineering.
- PATRICIA A. BEERE, of Baltimore, Md.; B.A. University of Maryland, 1974. Education.
- KARL WILLIAM BEHRINGER, of Linthicum, Md.; B.S. Frostburg State College, 1975. Education.
- STEPHEN LANCE BELECHAK-BECRAFT, of Phoenix, Ariz.; B.S. University of Maryland, 1973. Computer Science.
- BEVERLY ANN GOLDBERG BELIN, of Columbia, Md.; B.S. Wayne State University, 1968. Education.
- JOAN HEATH BELT, of Baltimore, Md.; B.S. Coppin State College, 1973. Education.
- CAMILLA PERSSON BENBOW, of Baltimore, Md.; M.A. The Johns Hopkins University, 1978. Education.
- GREGORY LEE BERGREN, of Laurel, Md.; B.S. Michigan State University, 1975. Electrical Engineering.
- CAROLYN CLAPPER BERNGARTT, of Upper Marlboro, Md.; B.S. University of Maryland, 1974. Education.
- JOAN MARIE BERWICK, of Church Hill, Md.; B.A. University of Maryland, 1975. Education.
- JUDITH ANN BEACH BEYERLE, of Columbia, Md.; B.A. Bloomsburg State College, 1974. Computer Science.
- ANNE MOORE BISER, of Baltimore, Md.; B.A. Roanoke College, 1973; M.S. Loyola College, 1978. Education.
- IRENE ELIZABETH BLACK, of Baltimore, Md.; B.A. University of Washington, 1977. Education.
- LYDIA SUSAN BLOCK, of Columbus, Ohio; M.A.T. Northwestern University, 1975. Education.
- EDWARD JOSEPH BOCHENEK, of Baltimore, Md.; B.S.E. The Johns Hopkins University, 1968; M.A.S., 1975. Environmental Engineering.
- EILEEN CRINER BOGDANOWICZ, of Baltimore, Md.; B.S. California State College, 1968. Education.
- SAUNDRA JOANNE BOND, of Baltimore, Md.; B.A. The Johns Hopkins University, 1976. Education.
- NANETTE ALEXIS WEAVER BORLEIS, of Glen Burnie, Md.; B.S. Frostburg State College, 1976. Computer Science.
- CURTIS MAYNARD BOWLING, of Manassas, Va.; B.S. Virginia Polytechnic Institute, 1974. Environmental Engineering.
- MELINDA BROWNE BRADFORD, of Cheverly, Md.; A.S. Northern Virginia Community College, 1970; B.S. Virginia Commonwealth University, 1972. Education.
- DANIEL MELVIN BRANDT, of Laurel, Md.; B.S. Valparaiso University, 1974; M.S. The Johns Hopkins University, 1977. Computer Science.
- KATHERINE JANE BRAY, of Bethesda, Md.; B.S. University of Maryland, 1974. Education.
- CAROL ANN BREEDEN, of Comus, Md.; B.S. Northern Illinois University, 1974. Education.
- SIMA MARCY BREITERMAN, of Silver Spring, Md.; B.S. University of Maryland, 1974. Education.
- CECILIA KAY BRISENTINE, of Baltimore, Md.; B.A. University of Maryland, 1974. Education.
- HUGH HERBERT BROWN, of Bel Air, Md.; B.A. Bucknell University, 1953. Computer Science.
- KAREN WOLF BROWN, of Baltimore, Md.; B.A. University of Maryland, 1974. Education.
- REGINA DAVIS BROWN, of Laurel, Md.; B.A. Fisk University, 1974. Education.
- LORRAINE MARIE ROHR BRUNN, of Laurel, Md.; B.S. University of Maryland, 1974. Education.
- DONALD ROSS BUCHANAN, of Abingdon, Md.; B.S. Towson State College, 1969; M.Ed. The Johns Hopkins University, 1973. Education.
- CALVIN PAUL BUIKEMA, of Baltimore, Md.; B.S. Michigan State University, 1969. Urban Planning.
- DEBRA LYNN KIFER BURDETTE, of Dayton, Minn.; B.S. University of Maryland, 1974; M.Ed. The Johns Hopkins University, 1977. Computer Science.
- MARCIA COHN BUXBAUM, of Baltimore, Md.; B.S. Towson State University, 1977. Education.
- BELINDA WALLACE CARBERRY, of Baltimore, Md.; B.A. Morgan State College, 1974. Education.

- LINDA ANN CARLTON, of Oxon Hill, Md.; B.A. Glassboro State College, 1976. Education.
- DOROTHY RICHARDSON CARMAN, of Lutherville, Md.; B.A. Goddard College, 1977. Education.
- BARBARA JUNE CARTER, of Laurel, Md.; B.S. Towson State University, 1975. Education.
- CONSTANCE ELLEN SPENCER CAULEY, of Bowie, Md.; B.A. Manhattanville College, 1974. Education.
- DAVID JOSEPH CAVERO, of Woodstock, Md.; B.A. University of Maryland, Baltimore County, 1975. Computer Science.
- WILLIAM DAVID CEELY, JR., of Derwood, Md.; B.G.S. Municipal University, 1969. Computer Science.
- HAU LONG CHEONG, of Baltimore, Md.; B.S. Texas A&M University, 1975. Computer Science.
- BARBARA ANN CRIDDLE CHESWICK, of Baltimore, Md.; B.S. Towson State University, 1975. Education.
- MICHELLE GAIL COHEN CLARK, of Columbia, Md.; B.S. Kent State University, 1973. Education.
- MARY JO ALBERTSON CLARKE, of Riva, Md.; B.S. Virginia Polytechnic Institute, 1973. Computer Science.
- AMALIE MINETTE CLARKE-SWINDLE, of Crownsville, Md.; B.A. University of North Carolina at Greensboro, 1964. Education.
- ANDREA HELENE CLAYMAN, of Baltimore, Md.; B.S. University of Maryland, Baltimore County, 1975. Education.
- DONNA LEE GILLES CLIFT, of Silver Spring, Md.; B.S. University of Maryland, 1975. Education.
- STEPHEN LARCHER COCHRAN, of Baltimore, Md.; B.A. Amherst College, 1973. Urban Planning.
- ODETTE MARZOUK COHEN, of Baltimore, Md.; B.S.E.E. University of California, Los Angeles, 1969. Electrical Engineering.
- JAMES EDWARD COOLAHAN, JR., of Ellicott City, Md.; B.S. University of Notre Dame, 1971; M.S.E. Catholic University, 1975. Computer Science.
- BRIAN GEORGE COOPER, of Laurel, Md.; B.S. Northeastern University, 1973. Electrical Engineering.
- BEVERLY ANN CORDELL, of Rockville, Md.; B.A. Cardinal Stritch College, 1961. Education.
- BARBARA GRACE COTTOM, of Cockeysville, Md.; B.S. Shippensburg State College, 1969. Education.
- EDWARD LOUIS CRISCUOLO, JR., of Silver Spring, Md.; B.S.E.E. Ohio Northern University, 1975. Computer Science.
- VINCENT PATRICK CUCCHIELLA, of Baltimore, Md.; B.S. University of Maryland, 1977. Urban Planning.
- DOREEN ANNE CUNNINGHAM, of Bowie, Md.; B.A. Ursuline College, 1976. Education.
- PAUL SAMUEL CUNNINGHAM, of Baltimore, Md.; M.A. West Virginia University, 1965. Education.
- EDWARD JOSEPH CURRY, of Columbia, Md.; B.S. University of Massachusetts, 1976. Electrical Engineering.
- WILLIAM KENNETH CURRY, of Laurel, Md.; B.S. Purdue University, 1977. Computer Science.
- KENNETH HARRISON DASHIELL II, of Baltimore, Md.; B.A. University of Baltimore, 1973. Education.
- MARILYN HARDESTER DAWSON, of Baltimore, Md.; B.A. Western Maryland College, 1953. Education.
- ROBERT JOSEPH DEEGAN, of Baltimore, Md.; B.S. Manhattan College, 1975. Computer Science.
- GEORGIA ANN DEGANGLI, of Kensington, Md.; B.S. Boston University, 1974. Education.
- GANIE ANNE DEHART, of Baltimore, Md.; B.S. Brigham Young University, 1972. Education.
- RUSSELL WAYNE DELLMO, of Glen Burnie, Md.; B.S.E.E. Rose-Hulman Institute of Technology, 1976. Electrical Engineering.
- SANDRA EILENE DENEFIELD, of Baltimore, Md.; M.Ed. Coppin State College, 1973. Education.
- RAMONA BROWNE DESHIELDS, of Owings Mills, Md.; B.S. Coppin State College, 1973. Education.
- BONNIE HOLZMAN DICKMAN, of Baltimore, Md.; B.S. University of Maryland, 1975. Education.
- ESTHER JANE DIGIACINTO, of Baltimore, Md.; B.S. The Johns Hopkins University, 1977. Education.
- EDWIN TAYLOR DUKE, of Arnold, Md.; B.S. The Johns Hopkins University, 1978. Computer Science.
- SUSAN LEE DZIEDZIC, of Bowie, Md.; B.S. University of Maryland, 1974. Education.
- ROBERT ALLAN EARHART, of Owings Mills, Md.; B.A. University of Maryland, 1968. Education.
- DEREK BRUCE ECKERT, of Cockeysville, Md.; B.S.E.E. Capitol Institute of Technology, 1973. Computer Science.
- BENJAMIN GUY EDEM, of Greenbelt, Md.; B.S. University of Rochester, 1974. Computer Science.
- BERNARD R. EDWARDS, JR., of Fort Meade, Md., B.S.E. San Diego University, 1976. Electrical Engineering.
- MARJORIE MILLER EISERIKE, of Rockville, Md.; B.S. and B.A. University of Maryland, 1975. Education.
- STEVEN SIMON EISERIKE, of Rockville, Md., B.S. University of Maryland, 1973. Computer Science.
- LINDA DIANE ELLIOTT, of Lutherville, Md., B.S. Towson State University, 1976. Education.
- THOMAS WARFIELD EMORY, of Centreville, Md.; B.E.S. The Johns Hopkins University, 1967. Applied Physics.

- JANIE A. B. ERICKSON, of Pylesville, Md.; B.S. Towson State University, 1970; M.Ed., 1975. Education.
- CHARLOTTE ELIZABETH EXNER, of Cockeysville, Md.; B.S. Ohio State University, 1974. Education.
- SANDRA THRIFT FABELLA, of Elkton, Md.; B.S. University of Florida, 1967; M.S., 1968. Computer Science.
- SISTER CORA LEE FANNON, of Baltimore, Md.; B.A. Our Lady of Angels College, 1968. Education.
- LESTER CHARLES FARWELL II, of Upper Marlboro, Md., M.S. University of Colorado, 1972. Space Technology.
- NANCY BOGAN SWOPE FEELEY, of Towson, Md.; B.S. Edinboro State College, 1974. Education.
- JONATHAN ISRAEL FELDMAN, of Baltimore, Md.; Bach. of Talmudical Law, Ner Israel Rabbinical College, 1977. Computer Science.
- JOHN MICHAEL FERRITER, of Bel Air, Md.; B.S. University of Massachusetts, 1971; M.S. The Johns Hopkins University, 1978. Environmental Engineering.
- NANCI LOUISE FICK, of Cockeysville, Md.; B.A. George Washington University, 1976. Education.
- MARY FIELDS, of Cockeysville, Md.; B.S. University of Maryland, 1971. Education.
- LAWRENCE RAYMOND FISHEL, of Baltimore, Md.; B.A. Syracuse University, 1975. Education.
- DENNIS DAVID FITZGERALD, of Bethesda, Md.; B.S. Fairfield University, 1964; M.S. The Johns Hopkins University, 1971; M.S., 1972; M.S., 1976. Space Technology.
- GWENDOLYN JANELLE FLACHE, of Brownfield, Texas; B.S. Texas Technological College, 1970. Education.
- WILLIAM THOMAS FLAHIVE, of Adelphi, Md.; B.A. University of Maryland, 1969. Computer Science.
- PATRICIA WADDELL FOARD, of Towson, Md.; B.S. The Johns Hopkins University, 1976. Education.
- ANN WAGNER FOLTZ, of Columbia, Md.; B.S. Pennsylvania State University, 1961. Education.
- HAROLD GILBERT FOX, of Baltimore, Md.; B.S. University of Maryland, 1963. Computer Science.
- STUART ALAN FRAGER, of Baltimore, Md.; B.Th. Ner Israel Rabbinical College, 1977. Computer Science.
- JUDITH MEDLER FRANCOLINI, of Baltimore, Md.; B.S. State University of New York at Buffalo, 1976. Education.
- DEBORAH WHITE FREED, of Baltimore, Md.; B.A. Simmons College, 1968. Education.
- SHARON PARNES FREEDMAN, of Columbia, Md.; B.S. Brandywine College, 1976. Education.
- MARTIN CHARLES FRENCH, of Baltimore, Md.; B.A. The Johns Hopkins University, 1976. Urban Planning.
- CATHERINE CLAIRE FULLER, of Spring Grove, Pa.; B.S. Elizabethtown College, 1975. Education.
- RUTH KEISER GANN, of Baltimore, Md.; B.S. Lesley College, 1974. Education.
- JOHN LESLIE GARON, of Laurel, Md.; B.A. University of Maine, 1975. Computer Science.
- CHARLES AMBROSE GETTIER, of Arnold, Md.; B.S.E.E. University of Maryland, 1971. Electrical Engineering.
- KAREN MARIE BRANDENBURG GILLISPIE, of Baltimore, Md.; B.S. Towson State University, 1976. Education.
- KATHRYN NEWMAN GILMER, of Bethesda, Md.; M.Ed. University of Virginia, 1953. Education.
- MARGUERITE PATRICIA GILNER, of Baltimore, Md.; B.A. College of Notre Dame of Maryland, 1978. Education.
- THOMAS JOHN GLENNON, of Laurel, Md.; M.S. University of Miami, 1968. Computer Science.
- PATRICIA COHEN GOLD, of Baltimore, Md.; B.S. University of Maryland, 1966; M.Ed. Loyola College, 1970; C.A.S. The Johns Hopkins University, 1975; Ed.D. 1977. Education.
- LORRAINE VICINO GOLDING, of Lakewood, Colo.; B.S. Frostburg State College, 1968. Education.
- ROBERT JOHN GOLIBERSUCH, of Columbia, Md.; B.A. Fordham University, 1967. Computer Science.
- SHIRLEY HELENE KARP GORDON, of Baltimore, Md.; B.A. University of Florida, 1960. Education.
- ROBERT BRADLEY GOSLINE, JR.; B.S. United States Naval Academy, 1966. Computer Science.
- PAMELA ANN GOULDING, of Baltimore, Md.; B.S. North Adams State College, 1974. Education.
- JOHN FRANCIS GRABOWSKI, of Baltimore, Md.; B.S. University of Maryland, 1977. Education.
- CHRISTINE LYNN BOBARKY GRACE, of Baltimore, Md.; B.A. Towson State College, 1975. Education.
- VINCENT GRAUSO, of Columbia, Md.; B.E. Stevens Institute of Technology, 1976. Electrical Engineering.
- SARA BRAGG GRAY, of Baltimore, Md.; B.S. Morgan State University, 1955. Education.
- PETER JOSEPH GRAZAITIS, of Havre de Grace, Md.; B.S. (Physics) University of Scranton, 1975; B.S. (Math) 1975. Computer Science.
- JOAN SADOWSKI GREGA, of Baltimore, Md.; B.S. Towson State College, 1975. Education.
- EVA GRIFFIN, of Baltimore, Md.; M.A.T. The Johns Hopkins University, 1971. Education.
- SHERYL DENISE GRIMES, of Baltimore, Md.; B.A. Mount Holyoke College, 1974. Computer Science.

- WILLIAM JOHN GUIT, of Greenbelt, Md.; B.S. University of Maryland, 1973. Space Technology.
- GAIL ARDITH LUTTRELL HABICHT, of Baltimore, Md.; B.S. Frostburg State College, 1973. Education.
- PATRICIA CATHERINE HAGGERTY, of Annapolis, Md.; B.A. Glassboro State College, 1975. Education.
- NANCY JANE HAIR, of Silver Spring, Md.; B.S. Indiana University of Pennsylvania, 1966. Education.
- ARLINE MARCIA HALLAM, of Baltimore, Md.; B.S. The Johns Hopkins University, 1977. Education.
- ERIC CHRISTIAN HALLENGREN, of Baltimore, Md.; B.S. University of Maryland, 1967; M.L.A. The Johns Hopkins University, 1974. Education.
- WILLIAM MICHAEL HANDY, of Parkton, Md.; B.A. University of Delaware, 1974. Education.
- MARGARET CONSTANCE HARRIS, of Baltimore, Md.; B.S. The Johns Hopkins University, 1978. Education.
- SHEILA DECKER HARRISON, of Timonium, Md.; B.S. Hamline University, 1946. Education.
- TERESA MARIE HARRISON, of Trenton, Mich.; B.S. Concordia Teachers College, 1975. Education.
- KATHLEEN ANN WILLIAMSON HARTGE, of Baltimore, Md.; B.S. Towson State University, 1977. Education.
- ARTHUR L. HAYDEN, of Silver Spring, Md.; D.M.D. University of Pittsburgh, 1945. Education.
- KEVIN JOHN HEFFERNAN, of Columbia, Md.; B.S. Drexel University, 1975. Electrical Engineering.
- MARILYN ANNE HEIM, of Harrisburg, Pa.; B.S. Slippery Rock State College, 1977. Education.
- JAMES ALLEN HELFMAN, of Baltimore, Md.; B.A. Rutgers University, 1971; M.L.A. The Johns Hopkins University, 1975. Education.
- EILEEN MARIE VELKER HENDERSON, of Columbia, Md.; B.A. University of Maryland, 1948; M.A., 1970. Education.
- KAREN DENISE HAYES HERSHFIELD, of Baltimore, Md.; B.S. Towson State University 1975. Education.
- PAMELA JANE HARNER HILDALGO, of Cockeysville, Md.; B.S. Towson State University, 1975. Education.
- LAWRENCE EDWARD HINER III, of Baltimore, Md.; B.S. Towson State University, 1977. Education.
- LYNNE BRAZER HOCHSTADT, of Columbia, Md.; B.S. University of Maryland, 1972. Education.
- RUSSELL GEORGE HOLMES, of Baltimore, Md.; B.S.Ed. California State University, 1974. Education.
- WILLIE HOLTON, of Cockeysville, Md.; B.S. Morgan State University, 1966. Applied Physics.
- MARTHA RUTH HOMNACK, of Baltimore, Md.; B.A. Hood College, 1977. Education.
- RAYMOND CARL HOUGHTON, JR., of Laurel, Md.; M.S. George Washington University, 1975. Electrical Engineering.
- ANN DONOHO HUGHES, of Baltimore, Md.; B.Mus. Converse College, 1976. Education.
- GARY MICHAEL HUSACK, of Silver Spring, Md.; B.S. University of Maryland, 1976. Computer Science.
- JULIA LANGLEY INGHAM, of Silver Spring, Md.; B.S. Mary Washington College, 1971. Computer Science.
- SARAH DIXON ISAACS, of Sparks, Md.; B.A. The John Hopkins University, 1972. Education.
- DOROTHY REEDER JACKSON, of Columbia, Md.; B.A. Eckerd College, 1973. Computer Science.
- PAMELA LOUISE FUCHS JACOBS, of Ellicott City, Md.; B.A. College of Notre Dame of Maryland, 1975. Education.
- WILLIAM ANTHONY JAKUTA, of Bel Air, Md.; B.S. Virginia Polytechnic Institute, 1975. Applied Physics.
- LILY MAE McELVEEN JOHNSON, of Baltimore, Md.; B.S. Towson State University, 1973. Education.
- PATRICIA ANNE TOWNSEND JOHNSON, of Rochester, N.H.; B.S. Fitchburg State College, 1973. Education.
- SANDRA ILENE MICHAELSON JOSLOFF, of Columbia, Md.; B.A. Emerson College, 1972. Education.
- DONALD C. KAMINSKI, of Glen Burnie, Md.; B.A. Millersville State College, 1974. Computer Science.
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- DEBORAH LYNN KARDIAN KATES, of Baltimore, Md.; B.S. Towson State College, 1975. Education.
- BONNIE J. KAUFFMAN, of Baltimore, Md.; B.A. University of Maryland, Baltimore County, 1976. Education.
- YETTY LOCKETT KEARNEY, of Baltimore, Md.; B.S. Morgan State College, 1973. Education.
- LAURIE HOROWITZ KELDERMAN, of Silver Spring, Md.; B.S. University of Wisconsin, 1974. Education.
- TIMOTHY EARL KELLER, of Columbia, Md.; B.Tech. Pennsylvania State University, 1977. Numerical Science.
- KEVIN MICHAEL KELLY, of Ellicott City, Md.; B.S. University of Maryland, 1976. Education.
- LINDA KAYE THOMAS KENNEDY, of Reston, Va.; B.S. Villanova University, 1973. Computer Science.
- LEE CHRISTOPHER KIESSLING, of Randallstown, Md.; B.S. Frostburg State College, 1974. Education.

- RITA ELIZABETH KING, of Baltimore, Md.; B.S. University of Maryland, 1976. Environmental Engineering.
- STEPHEN LAWRENCE KISTNER, of Bel Air, Md.; M.E. Manhattan College, 1971. Environmental Engineering.
- SEMION KIZHNER, of Baltimore, Md.; M.S. Lobachevsky State University, 1965. Computer Science.
- RUTHELLEN KLINE, of Crownsville, Md.; B.S. Drexel University, 1969. Computer Science.
- SANDRA LEE KLINE, of Columbia, Md.; B.S. Virginia Commonwealth University, 1970. Education.
- GERALD NORMAN KLITSCH, of Takoma Park, Md.; B.S. Pennsylvania State University, 1976. Numerical Science.
- KATHLEEN MARIE KOETTING, of Frederick, Md.; B.S. Kutztown State College, 1973. Education.
- JAMES ANDREW KORUD, of Woodbridge, Va.; B.A. Capital University, 1976. Computer Science.
- RICHARD WILLIAM KOVARSKY, of Millersville, Md.; B.S. Rutgers University, 1975. Computer Science.
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- DANA LOGAN KRUG, of Baltimore, Md.; B.S. Towson State College, 1974. Education.
- THEOPHIL ALVIN KURIATA, of Aberdeen, Md.; B.A. La Salle College, 1974. Numerical Science.
- GLORIA MARIA DEPERIGNAT LANE, of Baltimore, Md.; B.A. Towson State University, 1977. Education.
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- TIMOTHY MICHAEL LANG, of Pasadena, Md.; B.S. Drexel Institute of Technology, 1972. Computer Science.
- JOSEPH CLARK LANNI, of Baltimore, Md.; B.A. State University of New York, 1977. Urban Planning.
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- ROBERT JOHN LATHAM, of Baltimore, Md.; A.A. Catonsville Community College, 1971; B.S. Towson State College, 1974. Education.
- SONIA CONTY LATORRE, of Millersville, Md.; B.S. University of Puerto Rico, 1977. Computer Science.
- WILLIAM LAWRENCE, of Edgewood, Md.; B.S. University of the Punjab, 1966; M.S. The Johns Hopkins University, 1968. Applied Physics.
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- MICHELE LYNNE LEFAIVRE, of Baltimore, Md.; B.S. Towson State College, 1975. Urban Planning.
- CARROLL JAMES LEIZEAR, of Baltimore, Md.; B.S. University of Maryland, 1967. Environmental Engineering.
- CHARLES KENNETH LEJA, of Gaithersburg, Md.; B.A. Washington and Jefferson College, 1969; M.S.Ed. Duquesne University, 1973. Computer Science.
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- ALICE JEAN LEONHARDT, of Mt. Airy, Md.; B.S. University of Maryland, 1972. Education.
- SALLY INA ABEL LEVI, of Randallstown, Md.; B.S. Tufts University, 1960. Education.
- DONALD CRAIG LEWNS, of Glen Burnie, Md.; B.S. Loyola College, 1969. Electrical Engineering.
- CHIEN HUA LI, of Takoma Park, Md.; M.S. State University of New York at Buffalo, 1975. Computer Science.
- RICHARD RAYMOND LINDSTROM, of Brunswick, Md.; B.S. University of Illinois, 1976. Electrical Engineering.
- ROBERT BYRNE LIPINSKI, of Reisterstown, Md.; B.S. Morgan State College, 1975; M.S. The Johns Hopkins University, 1977. Education.
- PAUL DAVID LLANSO, of Columbia, Md.; B.S.A.E. Parks College of Aeronautical Technology, 1968. Computer Science.
- JO-ELLEN CYNTHIA LOFTON, of Baltimore, Md.; B.A. Morgan State College, 1955. Education.
- ROBERT JOSEPH LUCAS, of Towson, Md.; B.A. Florida Technical University, 1978. Education.
- RAYMOND WALTER LUCZAK, of Silver Spring, Md.; B.S. University of Pittsburgh, 1973. Computer Science.
- MITZI JEANNE MABE, of Catonsville, Md.; B.A. University of Maryland, Baltimore County, 1974; M.S. The Johns Hopkins University, 1977. Applied Behavioral Science.
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- EUGENE JAY MACKLER, of Baltimore, Md.; B.A. Towson State College, 1967. Education.
- SARAH REASON MACKLIN, of Randallstown, Md.; B.A. Trenton State College, 1975. Education.
- JON ROY MAGNUSON, of Hanover, Md.; B.E.E. Pratt Institute, 1972. Electrical Engineering.
- DANIEL JOHN MAHONEY, of Glen Burnie, Md.; B.S. Virginia Polytechnic Institute, 1974. Environmental Engineering.
- MAY L. MAN, of Baltimore, Md.; B.Mus. University of Wisconsin, 1971. Education.
- SANKARAN P. MANIKKARA, of Baltimore, Md.; M.T. Regional Engineering College, India, 1968. Environmental Engineering.

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- LEE MALCOLM MARKS, of Silver Spring, Md.; B.S. Brown University, 1976. Applied Physics.
- CAROL AUSTIN MARTIN, of Reisterstown, Md.; B.S. Virginia Commonwealth University, 1975. Education.
- GWENDOLYN MATTHEWS, of Owings Mills, Md.; B.S. Morgan State University, 1972. Education.
- RICHARD MATYSKIELA, of Severna Park, Md.; B.S. Drexel University, 1975. Electrical Engineering.
- JEAN-JACQUES MAURER, of Hyattsville, Md.; B.S. University of Maryland, 1977. Computer Science.
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- THOMAS LEE MCCARRIAR, JR., of Severn, Md.; B.S. Duke University, 1971. Numerical Science.
- STEPHEN GRANT MCCARRON, of Adelphi, Md.; B.A. LaSalle College, 1953; M.S. The Johns Hopkins University, 1976. Management Science.
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- LYNDI STEWART McNULTY, of Westminster, Md.; B.S. Middle Tennessee State University, 1973. Education.
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- DANIEL JOSEPH MICHAELS, of Columbia, Md.; B.S. University of Maryland, 1975. Education.
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- PATRICIA ROBB MULFORD, of Baltimore, Md.; B.S. University of Maryland, 1974. Education.
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- CAMERON VAIL NOBLE, of Easton, Md.; B.A. St. Lawrence University, 1976. Education.
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- ROSE ELLEN NORSETH, of Silver Spring, Md.; B.S. University of Maryland, 1972. Education.
- KEVIN LEE NORTHRUP, of Baltimore, Md.; B.A. Swarthmore College, 1970. Education.
- SAMUEL CARL NORTON, of Laurel, Md.; B.S. University of Tennessee, 1977. Computer Science.

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- YUE-LEUNG PAK, of Greenbelt, Md.; Ph.D. Case Western Reserve University, 1974. Computer Science.
- ANTOINETTE LOUISE PARKER, of Baltimore, Md.; B.S. Morgan State College, 1971. Education.
- HARRY LEE PARKER, of Fort Meade, Md.; B.A. Mississippi State University, 1966. Education.
- PATRICIA ETZEL PARKER, of Parkton, Md.; B.A. Hood College, 1969. Education.
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- PAMELA QUAY SMITH PENCOLA, of Frederick, Md.; B.A. Hood College, 1974. Education.
- BRYNA SUE PERLMUTTER, of Laurel, Md.; B.A. Brandeis University, 1976. Computer Science.
- LINDA JEAN LEITH PERRY, of Laurel, Md.; B.A. Frostburg State College, 1974. Education.
- MARGARET THEODORA SAMEK PEYTON, of Baltimore, Md.; B.A. Smith College, 1972. Education.
- HELENE KUBIE PHILLIPS, of Baltimore, Md.; B.S. Towson State University, 1977. Applied Behavioral Science.
- PIPER JEANNE PHILLIPS, of Alexandria, Va., B.A. George Washington University, 1977. Education.
- BARBARA HUGHEN PIASECKI, of Parkville, Md.; B.S. Madison College, 1975. Education.
- VANDA LEE PICKFORD, of Baltimore, Md.; B.S. Morgan State University, 1966. Education.
- MARTHA BARKSDALE PIERCE, of Baltimore, Md.; B.S. Morgan State College, 1960. Education.
- MARIA PINEIRO, of Baltimore, Md.; B.A. University of Miami, 1977. Education.
- DONA REISIGL PINKARD, of Baltimore, Md.; B.A. St. Lawrence University, 1973. Education.
- CAROL ANN POEHLMAN, of Baltimore, Md.; B.S. Towson State College, 1974. Education.
- STUART ALAN POLLACK, of Baltimore, Md.; B.A. Pennsylvania State University, 1972. Education.
- MICHELE LOU PORCARO, of Baltimore, Md.; B.S. Ithaca College, 1977. Education.
- PETER PHILIP POSTORINO, of Cockeysville, Md.; B.A. City University of New York, 1970. Applied Behavioral Science.
- DAVID DOUGHERTY POTTER, of Glen Rock, Pa.; B.A. Towson State College, 1974. Education.
- KATHLEEN JO HOMAN POWERS, of Silver Spring, Md.; B.S. Valparaiso University, 1972. Computer Science.
- LINDA MARIE ANNONA POWERS, of Reisterstown, Md.; B.A. Cortland State College, 1974. Education.
- DEBRA ANN PYRCH, of Laurel, Md.; B.A. St. Joseph College, 1973. Computer Science.
- CARMEN ANN QUEEN, of Baltimore, Md.; B.S. Morgan State University, 1978. Education.
- KATHLEEN ANN QUILL, of Baltimore, Md.; B.S. Towson State University, 1974. Education.
- JOYCE ELLEN RABIN, of Bethesda, Md.; B.S. University of Maryland, 1977. Education.
- CHARLES LAWRENCE RAGAN, JR., of Greenbelt, Md.; B.S. Bowling Green State University, 1969. Computer Science.
- LINDA SAUSSER RAIFORD, of Laurel, Md.; B.S. University of Maryland, 1971. Education.
- MOHAN LAL RAY, of Severn, Md.; B.S. University of Calcutta, 1970. Electrical Engineering.
- SATYABRATA RAY, of Baltimore, Md.; Ph.D. Lehigh University, 1957. Environmental Engineering.
- MARGARET ALMA CECILIA REED, of Annapolis, Md.; B.A. Catholic University of America, 1977. Education.
- ANITA RAE GUTSHALL REESE, of Owings Mills, Md.; B.S. Shippensburg State College, 1975. Education.
- RACHAEL REYNOLDS REID, of Joppa, Md.; B.S. Towson State University, 1972; M.Ed., 1975. Education.
- MARY ELIZABETH REILLY, of Annapolis, Md.; B.A. College of Notre Dame of Maryland, 1976. Education.
- JOHN VINCENT RENDE, of Greenbelt, Md.; B.S. City College of New York, 1955. Electrical Engineering.
- PATRICIA VAL RICHIE, of Baltimore, Md.; B.S. University of Maryland, 1975. Education.
- RANDY EDMONDS ROBERTSON, of Severn, Md.; M.S. Western Kentucky University, 1977. Urban Planning.
- ROBERT LEE ROBINSON, JR., of Timonium, Md.; B.S.E.E. Drexel University, 1972. Computer Science.
- MICHAEL JOHN ROHRBACHER, of Baltimore, Md.; B.M. East Carolina University, 1976. Education.
- GREGORY JAMES ROMANOWSKI, of Stevensville, Md.; B.S. Virginia Polytechnic Institute, 1975. Electrical Engineering.
- VIRGINIA R. ROMPALSKI, of Towson, Md.; B.S. Towson State College, 1972. Education.
- JEANNE GEMMELL ROSS, of Annapolis, Md.; B.S. University of Maryland, 1975. Education.
- GEORGE EDWARD ROSSITER, of Arnold, Md.; B.A. University of Maryland, 1972. Education.

- ALAN JAY ROTHMAN, of Lanham, Md.; B.A. University of Maryland, 1975. Urban Planning.
- DAVID BRAINARD ROWE, of Arlington, Va.; B.S. Northwest Missouri State College, 1968. Space Technology.
- KAREN LAUREL GUSTAFSON ROYER, of Severna Park, Md.; B.A. Goucher College, 1976. Computer Science.
- EILEEN KOBLIN RUPPEL, of Carrollton, Md.; B.S. University of Maryland, 1972. Education.
- JOHN MARTIN RYAN, of Rockville, Md.; B.S. Capitol Institute of Technology, 1968. Electrical Engineering.
- JAMES DUANE SAGMILLER, of Columbia, Md.; B.S. University of North Dakota, 1976. Electrical Engineering.
- DENISE WHITE SAKS, of Columbia, Md.; B.S. Lesley College, 1976. Education.
- FRANCES PARKER SALBECK, of Baltimore, Md.; B.A. Antioch College, 1978. Education.
- MICHAEL LOUIS SANDLER, of Columbia, Md.; B.A. University of Maryland, 1970; M.L.A. The Johns Hopkins University, 1976. Education.
- BARBARA ANN SANDROCK, of Baltimore, Md.; B.S. Towson State University, 1976. Education.
- BERNADETTE BEYER SANDRUCK, of Sykesville, Md.; B.S. Towson State College, 1974. Computer Science.
- JOSEPHINE CASTELLI SANTOS, of Columbia, Md.; M.Ed. Bowie State College, 1973. Education.
- HELEN KATZ SAPP, of Baltimore, Md.; B.A. University of Maryland, 1951. Education.
- VICTORIA NADINE SAVAGE, of Baltimore, Md.; B.S. Coppin State College, 1976. Education.
- STEVEN LEONARD SCHNEIDER, of Severna Park, Md.; B.A. Franklin and Marshall College, 1973. Computer Science.
- ANNA ELIZABETH SCHNEIER, of Rockville, Md.; B.S. Western Connecticut State College, 1962. Education.
- TAMARA TUCKER SCHNYDMAN, of Baltimore, Md.; B.A. Goucher College, 1966. Education.
- BEVERLY LUCILLE FOGLE SCHROEDER, of Columbia, Md.; B.S. University of Maryland, 1971. Education.
- CHANA SCHROIT, of Baltimore, Md.; B.A. Bar-Ilan University, Israel, 1974. Education.
- JOHN ANDREW SCHRUM, of Pasadena, Md.; B.T. Pennsylvania State University, 1975. Electrical Engineering.
- DAVID MICHAEL SCHULTHEIS, of Linthicum, Md.; B.A. St. Vincent College, 1974; B.S. Pennsylvania State University, 1976. Electrical Engineering.
- DEBORAH ANNE SCOTT, of Baltimore, Md.; B.A. University of Maryland, 1973. Education.
- GEORGE EDWARD SEBECK, of Baltimore, Md.; B.S.E. The Johns Hopkins University, 1964. Computer Science.
- KATHY REXROTH SECREST, of Columbia, Md.; B.A. Frostburg State College, 1974. Education.
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- ROXANNE SERVANCE, of Baltimore, Md.; B.S. Morgan State College, 1973. Education.
- DENNIS MICHAEL SESAK, of Clarksville, Md.; B.S. Pennsylvania State University, 1975. Computer Science.
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- KENNETH JOSEPH SHAPIRO, of Randallstown, Md.; B.S. Towson State University, 1975. Education.
- VALERIE ASTRID SHAPIRO, of Fairfax, Va.; B.Ed. University of Miami, 1972. Education.
- LINDA MAE SHIFFLETT, of Lutherville, Md.; B.S. Towson State University, 1974. Education.
- KATHLEEN MARIE SHINE, of Annapolis, Md.; B.S. University of Maryland, 1976. Education.
- EDITH MARY SIDES, of Westminster, Md.; B.A. Towson State College, 1976. Education.
- MICHAEL B. SILVER, of Baltimore, Md., B.A. Ner Israel Academy, 1975. Computer Science.
- RUBY EARLE SESSOMS SIMON, of Forest Hill, Md.; B.S. Elizabeth City State University, 1972. Education.
- JERALD PHILIP SINAY, of Columbia, Md.; B.S. Drexel University, 1970. Computer Science.
- DENNIS ELWOOD SIRBAUGH, of Severn, Md.; B.S. Ohio State University, 1967. Computer Science.
- SUSAN JANE SITEK, of Columbia, Md.; B.A. Yankton College, 1968. Education.
- ROBERT WILBER SLOSS, of Columbia, Md.; B.S. King's College, 1974. Numerical Science.
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- LESLIE MARGARET SNOW, of Annapolis, Md.; B.S. Iowa State University, 1975. Education.
- ANNETTE INA SNYDER, of Owings Mills, Md., B.S. University of Maryland, 1974. Education.
- JUDY BARON SNYDER, of Baltimore, Md., B.S. University of Maryland, 1976. Education.
- MARILYN YVONNE SODEN, of Baltimore, Md.; B.S. University of Maryland, 1975. Education.

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- ROBERT JEFFREY SOLOMON, of Baltimore, Md.; B.A. University of Connecticut, 1973; B.S. Touro College, 1977. Education.
- EDWARD ERNEST SOMMERFELDT, of Baltimore, Md.; Ph.D. Catholic University, 1966. Computer Science.
- SARAH LEAH MILLER SPENCE, of Baltimore, Md.; Elizabeth-town College, 1968. Education.
- KAREN STENTZ SPENCER, of Columbia, Md.; B.S. University of Maryland, 1972. Education.
- CYNTHIA BYRNES SPICER, of Beltsville, Md.; B.S. University of Maryland, 1972. Education.
- KATHLEEN E. SPIES, of Arnold, Md.; B.A. University of Missouri, 1968. Computer Science.
- VERNON LEROY STARK, of Laurel, Md.; B.S. Colorado State University, 1977. Applied Physics.
- JOANN BRACY STARKS, of Baltimore, Md.; B.S. Morgan State College, 1969. Education.
- JOHN JOSEPH STASAK III, of Columbia, Md.; B.S. Villanova University, 1972. Computer Science.
- ROBERT LAWRENCE STEVENSON, of Baltimore, Md.; B.E.S. The Johns Hopkins University, 1968. Computer Science.
- GARY ALAN STEWART, of Baltimore, Md.; B.S. Lehigh University, 1976. Computer Science.
- ARGYRO CONSTANTINE STROUMBAKIS, of Annapolis, Md.; B.S. Slippery Rock State College, 1977. Education.
- E. KENT SULLIVAN, of Laurel, Md.; B.A. University of Michigan, 1966. Education.
- ALBERT JOSEPH SWISTON, of Baltimore, Md.; B.S. Towson State College, 1974. Education.
- NANCY FEEHELY SWISTON, of Baltimore, Md.; B.S. Towson State College, 1974. Education.
- ALFRED JERRY TAYLOR, of Pylesville, Md.; B.S. Milligan College, 1972. Education.
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- WILLIAM COOPER TAYLOR, of Gambrills, Md.; B.S. United States Military Academy, 1970. Computer Science.
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- ROBERT LEE TRAPP, of Laurel, Md.; B.S. Clemson University, 1977. Electrical Engineering.
- CAROL RITTER TREADWELL, of Cockeysville, Md.; B.S. Miami University, 1965. Education.
- JAMES CONSTANTINE TSOUVALOS, of Owings Mills, Md.; B.S. Frostburg State College, 1972. Education.
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- JAY WESLEY TURNER, of Gambrills, Md.; B.S. Towson State University, 1973. Computer Science.
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- MICHELEEN MCNEILL WATSON, of Baltimore, Md.; B.A. George Washington University, 1964. Education.
- LAURA GENTRY WEIDNER, of Glen Burnie, Md.; B.A. Frostburg State College, 1973. Education.
- SUSAN GRANDBERG WEISMAN, of Randallstown, Md.; B.S. Towson State College, 1966. Education.
- HOWARD STEVEN WEISS, of Glen Burnie, Md.; B.S. Polytechnic Institute of New York, 1975. Computer Science.

- KAYLA JOHNSON WEST, of Columbia, Md.; B.S. Louisiana State University, 1974. Education.
- JAMES KIMBALL WESTON, of Hyattsville, Md.; B.A. The Johns Hopkins University, 1968. Education.
- RICHARD WHITESIDE, of Baltimore, Md.; B.A. Manhattan College, 1969; M.S. The Johns Hopkins University, 1977. Applied Behavioral Science.
- SUSAN BARBARA WILD, of Glen Arm, Md.; B.S. Towson State College, 1975. Education.
- EVA AUGUSTA WILKINS, of Baltimore, Md.; B.S. Coppin State College, 1975. Education.
- VERNON LEE WILLIAMS, of Baltimore, Md.; B.A. University of Maryland, 1971. Applied Behavioral Science.
- PATRICIA LEE WILLIAMSON, of Baltimore, Md.; B.S. Towson State College, 1976. Education.
- PATRICIA ANN WILTSEY, of Baltimore, Md.; B.S. Towson State College, 1974. Education.
- KARL RUSSELL WOLF, of Laurel, Md.; B.S. Georgia Institute of Technology, 1976. Computer Science.
- JANET ZIMMERMAN WOLFING, of Mt. Airy, Md.; B.S. Western Maryland College, 1975. Education.
- BARBARA RATLIFF WOLKSTEIN, of Baltimore, Md.; B.A. Hiram College, 1975. Education.
- ROBERT WINFREY WOOD, of Baltimore, Md.; B.S. University of Maryland, 1967. Environmental Engineering.
- DONALD DWIGHT WOODRUFF, of Gaithersburg, Md.; B.S. Rensselaer Polytechnic Institute, 1968. Electrical Engineering.
- JAMES WELCH WOODS, JR., of Laurel, Md.; B.S. University of Tennessee, 1974. Space Technology.
- EDNA KATHRYN WORTHINGTON, of Berwyn Heights, Md.; B.S. University of Maryland, 1975. Applied Behavioral Science.
- TERESA LYNN THOMPSON WRIGHT, of Columbia, Md.; B.A. Towson State College, 1975. Education.
- CAROL CIRAULO YANEK, of Laurel, Md.; B.A. Seton Hill College, 1968. Education.
- MARY SUSAN YOUNG, of Baltimore, Md.; B.S. Towson State University, 1975. Education.
- SANDRA HAYES YOUNG, of Columbia, Md.; B.A. American University, 1970. Education.
- MARVIN HYMAN YOUNGER, of Baltimore, Md.; B.T.L. Beth Hataimud College, Israel, 1976. Computer Science.
- JANET T. ZABELL, of Severna Park, Md.; B.S. Kutztown State College, 1966. Education.
- ANNA DOROTHY CARROLL ZINK, of Baltimore, Md.; B.S. Mount St. Mary's College, 1977. Applied Behavioral Science.
- DOUGLAS L. ZINN, of Randallstown, Md.; M.B.A. Pace University, 1973. Education.

MASTERS OF EDUCATION

in The Evening College

- SHIRLEY JACOBS AKMAN, of Baltimore, Md.; B. A. Towson State College, 1975.
- ALFRED LESLIE BAHR, of Laurel, Md.; B. A. Albright College, 1967.
- TERRY JAMES BARNHART, of Aberdeen, Md.; B. S. Slippery Rock State College, 1974.
- JOY HARRIET BECKER, of Baltimore, Md.; B. A. University of Maryland, 1975.
- SUSAN PIKE BLACKMAN, of Columbia, Md.; B. A. Brooklyn College, 1965.
- LOIS BROWN BONNER, of Baltimore, Md.; M. Ed. Towson State University, 1975.
- ADEANA MISHAN BRANDINGER, of Columbia, Md.; B. S. State University of New York at Albany, 1975.
- GERALD OLIVER BROWN, of Baltimore, Md.; B. S. Morgan State University, 1963.
- MARGUERITE JONES BROWN, of Baltimore, Md.; B. S. Morgan State College, 1973.
- JOYCE MACZIS BRYANT, of Baltimore, Md.; B. S. Towson State College, 1954.
- JUDITH SHARON CANESTRARO, of Baltimore, Md.; B. S. Towson State College, 1969.
- MICHAEL FRANCIS DAHLEM, of Baltimore, Md.; B. A. University of Maryland, 1975.

- ELSIE LORRAINE DEWBERRY, of Millersville, Md.; B. A. Coppin State College, 1972.
- SUSAN GALLO EATON, of Stevensville, Md.; B. A. Towson State College, 1974.
- LYNDA ANN EBAUGH, of Glen Burnie, Md.; B. S. University of Maryland, 1974.
- PENELOPE ROSELIE MATASOVSKY EKEY, of Abingdon, Md.; B. A. Salisbury State College, 1973.
- ELIZABETH ANN FERGUSON, of Baltimore, Md.; B. A. Chestnut Hill College, 1974.
- JACQUELINE RHEA MCCAWLEY GRISWOLD, of Baltimore, Md.; B. S. Frostburg State College, 1972.
- JEANNE MARLENE TIMBERLAKE HAMMOND, of Baltimore, Md.; B. S. University of Maryland, 1970.
- SARA HELEN BROOKS HECKWOLF, of Baltimore, Md.; B. S. Frostburg State College, 1974.
- LINDA ODESSA HUNT, of Woodbine, Md.; B. S. University of Maryland, 1972.
- JILL ANNE ISKOVITZ, of Silver Spring, Md.; B. S. University of Maryland, 1974.
- CHARLES BERNARD JANSKY, of Annapolis, Md.; B. A. Frostburg State College, 1974.
- IRVIN SAMUEL JOHNSON, of Baltimore, Md.; B. S. Frostburg State College, 1972.
- LILLIAN BARNES JONES, of Baltimore, Md.; B. S. Morgan State College, 1973.
- MARY JANE KATSAFANAS, of Towson, Md.; B. S. Towson State College, 1972.
- WILLIAM EDWARD KENNEDY, of Fulton, Md.; B. A. American University, 1974.
- SUZANNE I. KNITZ, of Randallstown, Md.; B. S. University of Maryland, 1974.
- PHILOMA CAMPBELL LOGAN, of Washington, D.C.; B. S. Coppin State College, 1963.
- JANET LEAH BARRETT LOPEZ, of Baltimore, Md.; B. S. Pennsylvania State University, 1973.
- CONCETTA ANN LUCEY, of Silver Spring, Md.; B. S. University of Maryland, 1971.
- DAVID CHARLES MAHAN, of Severna Park, Md.; B. A. University of Maryland, 1974.
- LUE ALICE DRUMMOND MANNING, of Baltimore, Md.; B. S. Coppin State College, 1975.
- DIANE ELIZABETH WELLS MAXSON, of Baltimore, Md.; B. S. Illinois State University, 1972.
- JOANNE BAKER MEZEL, of Columbia, Md.; B. S. University of Wisconsin, 1974.
- CAROLYN ELIZABETH MILLER, of Lutherville, Md.; B. S. Bridgewater College, 1974.
- MICHAEL T. MILORD, of Arnold, Md.; B. S. University of Dayton, 1972.
- CAROL MARY MULLANEY, of Baltimore, Md.; B. S. Loyola College, 1976.
- JAMES NEWILL MYERS, of Baltimore, Md.; B. A. Waynesburg College, 1965.
- CATHY ANN YOUNG NOWACK, of Fulton, Md.; B. S. University of Maryland, 1976.
- LINDA LUND OPPEL, of Baltimore, Md.; B. S. Texas Woman's University, 1969.
- VICKY PIPPIN OWEN, of Baltimore, Md.; B. A. Stratford College, 1974.
- DAVID ERIC PINES, of Baltimore, Md.; B. A. Lake Forest College, 1973.
- JANET SUSAN PRICE, of Lutherville, Md.; B. S. Frostburg State College, 1975.
- DALE RUSSELL RAINS, of Glen Burnie, Md.; B. A. Hood College, 1959.
- HELEN FRANCES RESOP, of Baltimore, Md.; B. A. College of Notre Dame of Maryland, 1971.
- RUTH ROBERTA RICH, of Baltimore, Md.; B. S. St. Mary's College, 1974.
- PEGGY ANN BALL ROEBUCK, of Baltimore, Md.; B. S. Coppin State College, 1972.
- MADelyn ANNE RUSSO, of Brooklyn, N.Y.; B. A. Brooklyn College, 1973.
- THOMAS LEE SANKEY, of Laurel, Md.; B. A. Grove City College, 1975.
- CLAIRE HASS SHERZER, of Fallston, Md.; B. A. University of Maryland, 1975.
- DELORES MARTIN SMALL, of Baltimore, Md.; B. S. Coppin State College, 1956.
- CHARLOTTE STUART SMITH, of Delmar, Md.; B. S. The Johns Hopkins University, 1973.
- TEBBIE ANN STEWART, of Columbia, Md.; M. M. Catholic University, 1971.
- SHIRLEY RANDALL VAULS, of Columbia, Md.; B. S. Hampton Institute, 1955.
- PEGGY ROBEY WARMKESSEL, of Columbia, Md.; B. A. Towson State College, 1963.

- ELINOR POMERANTZ WEIL, of Baltimore, Md.; B. S. Towson State College, 1975.
- CAROLYN REESE WILLIAMS, of Laurel, Del.; B. A. Duke University, 1973.
- CYNTHIA LINDSAY WILLIAMS, of Baltimore, Md.; B. S. Morgan State College, 1968.
- JEAN CAROL WILSON, of Baltimore, Md.; B. A. American University, 1972.
- MORTON WOOD, of Baltimore, Md.; D. D. S. University of Maryland, 1969.
- COURTNI WRIGHT, of Washington, D.C.; B. A. Trinity College, 1972.

MASTERS OF LIBERAL ARTS

in The Evening College

- STEVEN P. ALPERN, of Baltimore, Md.; B. S. Trinity College, 1976.
- MICHELE GETTIER ANDERSON, of Baldwin, Md.; B. A. Towson State College, 1973.
- GLENN ELDON ANGUS, of Crownsville, Md.; B. M. E. Eastern Kentucky University, 1970.
- RAMONA SAMPSELL ANGUS, of Crownsville, Md.; B. A. Towson State College, 1975.
- JOHN HALL ASHBY, of Baltimore, Md.; M. A. American University, 1965.
- FRANKIE JOYCE HOLLAND AYEY, of Columbia, Md.; B. S. Bowie State College, 1975.
- CHANA FAYE BASS, of Baltimore, Md.; B. A. University of Maryland, 1966.
- DEBORAH ANN BATCHELOR, of Baltimore, Md.; B. A. Towson State College, 1973.
- DONALD EARL BEATTY, of Cardiff, Md.; B. A. Mansfield State College, 1969.
- SARAH ELIZABETH BORSCH, of Richardson, Texas; B. S. University of Maryland, 1974.
- DOUGLAS N. BOX, of Glen Burnie, Md.; B. A. University of Maryland, 1971.
- JOSEPHINE NEMETH BREWER, of Towson, Md.; B. S. Clarion State College, 1965.
- LINDA CAROLE DELEON BURKE, of Columbia, Md.; B. A. Loyola College, 1977.
- PATRICIA LEE CRAWFORD CARDONE, of Baltimore, Md.; B. A. Goucher College, 1976.
- MARY JULIA CASPARY, of Baltimore, Md.; M. A. Columbia University, 1968.
- SANDRA FRANCES SCHERG CHANDLER, of Baltimore, Md.; B. S. Marian College, 1971.
- ANN FINKBEINER COLLEY, of Shippensburg, Pa.; B. A. North Central College, 1965.
- JOHN JOSEPH COSTANTINI, of Baltimore, Md.; M. A. Marquette University, 1971.
- ELIZABETH ANNE WRIGHT COXE, of Phoenix, Md.; B. A. Goucher College, 1976.
- CARYN NOREEN COYLE, of Timonium, Md.; B. A. College of Notre Dame of Maryland, 1975.
- LYNN WHEELER DUNCAN, of Baltimore, Md.; B. S. University of Oregon, 1961.
- PATRICIA MARY RINKER EBERT, of Timonium, Md.; B. A. College of Notre Dame of Maryland, 1962; M. Ed. Loyola College, 1970.
- NANCY PATRICE EDMONDS, of Abingdon, Md.; B. A. York College of Pennsylvania, 1975.
- WILLIAM C. EGAN, of Baltimore, Md.; B. A. Loyola College, 1927; LL. B. University of Maryland, 1931.
- ROLAND ELLSWORTH ENGLISH III, of Baltimore, Md.; B. S. University of Maryland, 1972.
- WILLIAM CLAIR ERMATINGER, of Cockeysville, Md.; B. A. Ohio State University, 1961.
- JOHN THOMAS EVERETT, JR. of Phoenix, Md.; B. A. Mount St. Mary's College, 1971.
- RUTH ANN FATSCHER, of Lutherville, Md.; B. S. Ursinus College, 1962.
- BENJAMIN IRA FELDMAN, of Baltimore, Md.; B. A. University of Maryland, 1971.
- LINDA DARLENE FORD, of Westminster, Md.; B. S. Towson State College, 1975.
- MICHAEL LOUIS GIBBONS, of Cockeysville, Md.; B. A. University of Maryland, Baltimore County, 1975.
- HENRY WILLIAM GITTINGS, of Baltimore, Md.; B. S. University of Maryland, 1975.

- PAULINE KLUGMAN GOODMAN, of Baltimore, Md.; B.A. Goucher College, 1976.
- MILLIE RUBIN GREENBERG, of Baltimore, Md.; B.A. Goucher College, 1952.
- ALBERT LEE HALFF, of Baltimore, Md.; M.A. The Johns Hopkins University, 1973.
- MAXINE RUTH HARMON, of Randallstown, Md.; B.A. University of Maryland, 1969.
- JUDITH ENRIGHT HERMANN, of Monkton, Md.; B.S. State University of New York at Buffalo, 1966.
- MARIANNE HILL, of Baltimore, Md.; B.A. Towson State University, 1971; M.A. Morgan State University, 1975.
- SUZANNE KOVACS HILL, of Baltimore, Md.; B.A. University of Texas, 1963; M.L.S., 1969.
- FLORYNE E. HOWARD, of Randallstown, Md.; B.A. University of Maryland, 1970.
- FRANCES LEE JACKSON, of Ruxton, Md.; B.A. Vassar College, 1930.
- WILLIAM IRVING JONES III, of Baltimore, Md.; B.A. St. Bonaventure University, 1973.
- KENNETH HAROLD JORDAN, of Elkridge, Md.; B.A. University of North Carolina, 1956; M.A.T., 1963.
- ANTHONY LAURANCE KEATING, of Cockeysville, Md.; B.A. The Johns Hopkins University, 1961.
- PHYLLIS JOHNSON KING, of Baltimore, Md.; B.S. Coppin State College, 1958.
- THOMAS JOSEPH KLEIS, of Stevensville, Md.; B.A. University of Maryland, 1963.
- HELEN COLLINS KRAUS, of Towson, Md.; B.A. Salisbury State College, 1969.
- REVA GERRELL LEVINSTEIN, of Baltimore, Md.; B.S. The Johns Hopkins University, 1978.
- KAREN MANNING LOKER, of Baltimore, Md.; B.A. Loyola College, 1978.
- JOSEPH THOMAS LYNCH, of Baltimore, Md.; B.A. Wesleyan University, 1970.
- ALICJA GUTMAN ROSENTHAL MANNIX, of Baltimore, Md.; B.A. University of Maryland, 1975.
- DOROTHY ARMSTRONG MARSHALL, of Baltimore, Md.; B.S. Texas Southern University, 1964.
- WILLIAM WALTER MCCOLLUM, of Laurel, Md.; B.A. University of Maryland, 1972.
- EDWARD MCCAREY McDONNELL, of Baltimore, Md.; B.A. University of Miami, 1970.
- DORIS MCCLURE MOOS, of Towson, Md.; B.S. The Johns Hopkins University, 1972.
- BERNARDINE MCPHERSON NOVAK, of Severna Park, Md.; B.A. Guilford College, 1968.
- THOMAS PATRICK NUGENT, of Baltimore, Md.; B.A. University of Maryland, 1967.
- WILLIAM ALLEN PECK, of Baltimore, Md.; B.S. The Johns Hopkins University, 1968.
- BONITA JANE PRESTON, of Baltimore, Md.; M.S. University of Kentucky, 1971.
- LORETTA S. PREVAS, of Baltimore, Md.; B.A. Towson State College, 1971; M.Ed., 1973.
- HARRY RAYMOND, of Columbia, Md.; B.S. West Chester State College, 1971.
- KATHLEEN JOANNE O'LEARY ROPER, of Silver Spring, Md.; B.A. Albertus Magnus College, 1973.
- SHELLEY BUTLER ROTHSTEIN, of Baltimore, Md.; B.S. University of Maryland, 1971.
- ROSINA BRIENZA SCHACKNIES, of Baltimore, Md.; B.A. Edgecliff College, 1963.
- BELVA GITTINGS SCOTT, of Baltimore, Md.; B.A. Morgan State College, 1968.
- JOANNE SHELTON, of Glen Burnie, Md.; B.A. University of Maryland, 1977.
- PRISCILLA LINDA BLUM SILVERBERG, of Columbia, Md.; B.A. University of Baltimore, 1978.
- PAULA JOYCE SIMON, of Baltimore, Md.; B.A. University of Pittsburgh, 1973.
- PATRICIA OWINGS SINCLAIR, of Elkridge, Md.; B.A. Washington College, 1974.
- KATHRYN EILEEN SNYDER, of Baltimore, Md.; B.S. University of Maryland, 1973.
- WILLIAM HOWARD TAYLOR, of Baltimore, Md.; B.S. Frostburg State College, 1972.
- MARY KATHLEEN BLACK TERRY, of Baltimore, Md.; B.A. University of Michigan, 1961.
- JOANN CAROL VELTEN, of Baltimore, Md.; B.S. Frostburg State College, 1966; M.Ed. The Johns Hopkins University, 1974.
- DONALD ALLEN WAITE, JR., of Edgewater, Md.; M.A. Bob Jones University, 1973.
- RICHARD NORMAN WAITE, of Ritchie, Md.; B.A. Bob Jones University, 1976.
- SUSAN GIBSON WARTZOK, of Baltimore, Md.; M.L.S. University of Maryland, 1971.

JANIS BELINDA WEDINGTON, of Baltimore, Md.; B. A. Morgan State College, 1974.

MARIA KIM WELLS, of Randallstown, Md.; B. A. University of Maryland, Baltimore County, 1976.

MARGOT ANNE WOODS, of Timonium, Md.; B. S. Towson State College, 1975.

DORIS LOCKETT PERKINSON ZIMMERMAN, of Baltimore, Md.; B. S. The Johns Hopkins University, 1953.

MASTERS OF ADMINISTRATIVE SCIENCE in The Evening College

LINDA JOAN ANDREWS, of Baltimore, Md.; B. A. The Johns Hopkins University, 1976.

YESHITILA ARAYA, of Randallstown, Md.; M. S.W. Michigan State University, 1967.

CATHERINE KERWIN AUSTIN, of Baltimore, Md.; B. A. Russell Sage College, 1978.

BONNIE LEE BAYS, of Rockville, Md.; B. A. Loyola College, 1972.

PATRICIA SMITH BESS, of Baltimore, Md.; B. A. University of Maryland, 1971.

MARY Jo BILL, of Columbia, Md.; B. A. College of St. Teresa, 1968.

STEPHEN BRUNNER, of Marietta, Pa.; B. A. Millersville State College, 1976.

JOHN BROOK BUXTON, of Baltimore, Md.; B. S. Towson State College, 1972.

JOHN HERBERT BYINGTON, JR., of East Brunswick, N.J.; B. S. Manhattan College, 1972.

GEORGE DOANE CAFFREY, of Savage, Md.; B. A. College of the Holy Cross, 1975.

DEBORAH ANN POLLACK CAPLAN, of Baltimore, Md.; B. A. University of Michigan, 1971.

ELAINE WONG CHEW, of Baltimore, Md.; B. A. Mills College, 1969.

BARRY SCOTT COHEN, of Columbia, Md.; B. S. University of Maryland, 1972.

WALTER HERMAN COLDEN, of Baltimore, Md.; B. S. Virginia State College, 1976.

BETTY CHRISTINE COLLISON, of Baltimore, Md. B. S. Towson State College, 1974.

JANE CLAIRE COOKE, of Gambrills, Md.; B. A. Notre Dame of Maryland, 1968.

CHARLES THOMAS CRICHLEY, JR., of Columbia, Md.; B. S. University of Maryland, 1972.

CYNTHIA ANN CZARSKI, of Glen Burnie, Md.; B. A. University of Maryland, 1974.

ERIC BENNETT DANOFF, of Baltimore, Md.; B. S. Towson State College, 1975.

LESLIE THORNTON DARRAGH, of Fort Howard, Md.; B. A. University of Missouri, 1971.

RONALD WILLIAM DEISE, of Baltimore, Md.; B. S. University of Baltimore, 1965; J. D. Mount Vernon School of Law, 1970.

JOHN BERNARD DOLAN, of Forest Hill, Md.; B. S. University of Baltimore, 1975.

PATRICIA ANNE DONOVAN, of Baltimore, Md.; B. A. Boston University, 1975.

KATHLEEN ZERECKER DOWNIN, of Baltimore, Md.; B. A. Fairleigh Dickinson University, 1975.

ROBERT OWEN DUNCAN, JR., of Laurel, Md.; B. S. Loyola College, 1963.

DAVID MICHAEL EVANS, of York, Pa.; B. S. York College, 1973.

ROBERT STACY EVANS, of Annapolis, Md.; M. S. Naval Post Graduate School, 1974.

CLAY CAMERON EWELL, of Ocean View, Del.; B. A. The Johns Hopkins University, 1974.

JOHN ROBERT EYES, of Maidenhead, Berkshire, England; B. E. S. The Johns Hopkins University, 1962.

JOHN DENOE FADER, of Columbia, Md.; B. A. Albion College, 1974.

SANDRA MCPHERSON FERRITER, of Bel Air, Md.; B. S. University of Massachusetts, 1971.

PATRICIA HOLTS FISHER, of Baltimore, Md.; B. A. Morgan State College, 1974.

NANCY ELLEN FLEMING, of Baltimore, Md.; B. A. Goucher College, 1976.

THOMAS JEFFERSON FORBES, of Columbia, Md.; B. A. Andrews University, 1966; M. S.W. Howard University, 1971.

- DORIS PATRICIA HARRIS FREEMAN, of Baltimore, Md.; B. S. Morgan State College, 1969.
- PAUL JAMES GALLAGHER, of Baltimore, Md.; B. A. University of Notre Dame, 1966.
- WILLIAM JOHN GIUFFRE, of Baltimore, Md.; J. D. Boston College, 1969.
- YVONNE VICTORIA KING GRIFFIN, of Baltimore, Md.; B. S. Morgan State College, 1969.
- LAWRENCE JOSEPH GUERTIN, of Baltimore, Md.; A. S. Orange County Community College, 1970; B. S. E. E. Virginia Polytechnic Institute, 1972.
- MARCO NICHOLAS GULOTTA, of Pasadena, Md.; B. S. Brown University, 1972.
- BEVERLY SHEPHARD HALL, of Baltimore, Md.; B. S. Coppin State College, 1975.
- MARILYN ANNETTE MARTIN HALL, of Indianapolis, Ind.; M. S. Russell Sage College, 1976.
- JOHN BRAINERD HALTIGAN, of Baltimore, Md.; B. A. Northeastern University, 1966.
- FREDERICA CROWELL HARRISON, of Columbia, Md.; B. A. North Carolina College, Durham, 1960; M. S. W. Atlanta University, 1962.
- RANDY LEE HART, of Baltimore, Md.; B. S. University of Baltimore, 1975.
- MARY ANNE HECKWOLF, of Baltimore, Md.; B. A. Mount St. Agnes College, 1970; M. L. A. The Johns Hopkins University, 1973.
- FRANCES PATRICIA HELWIG, of Ellicott City, Md.; B. S. Ursuline College, 1967.
- GERARD MICHAEL HILLER, of Cockeysville, Md.; B. S. Lehigh University, 1975.
- SHARON ELIZABETH HIPPLER, of Timonium, Md.; B. A. The Johns Hopkins University, 1976.
- DONALD LESLIE HOLMES, of Bethlehem, Pa.; B. S. Virginia Military Institute, 1966; M. S. The Johns Hopkins University, 1974.
- DANIEL AMOS HUGHES, of Baltimore, Md.; B. A. Loyola College, 1972.
- SYED SAJID HUSAIN, of Glen Burnie, Md.; M. S. Agriculture University, Pakistan, 1973.
- LEROY DARNELL JOHNSON, of Baltimore, Md.; B. S. Tennessee State University, 1976.
- RUSSELL GARY JOHNSON, of Westminster, Md.; B. S. University of Baltimore, 1973.
- WILLIAM C. LANE III, of Baltimore, Md.; B. S. Towson State University, 1975.
- STEPHEN JAY LEE, of Columbia, Md.; B. A. University of Maryland, 1973.
- BRENDA DIANA LEWIS, of Silver Spring, Md.; B. S. American University, 1972.
- JOHN JOSEPH MARLEY, of Baltimore, Md.; B. S. Towson State College, 1973.
- BRIAN LEE MAXWELL, of Cockeysville, Md.; B. S. Babson College, 1971; B. A., 1971.
- ROBERT FREDERIC MCCORMICK, of Columbia, Md.; M. S. University of Southern California, 1977.
- THOMAS PAUL MCCrackEN, of Baltimore, Md.; B. S. University of Cincinnati, 1973.
- WILLIAM R. McCULLOUGH, of Glen Burnie, Md.; B. S. University of Maryland, 1968.
- RICHARD FINLEY MCGONNIGAL, of Towson, Md.; B. E. S. The Johns Hopkins University, 1969.
- ROSLYN SCHEER MILLER, of Baltimore, Md.; B. S. Boston University, 1971.
- GLENN LELAND MILNER, JR., of Ellicott City, Md.; B. S. Rensselaer Polytechnic Institute, 1971; M. S. The Johns Hopkins University, 1978.
- BENNIE MYERS, of Towson, Md.; B. S. Fordham University, 1974.
- BONNIE LEE ANDERSON MYERS, of Columbia, Md.; B. A. University of Maryland, 1967.
- DOROTHEA LORRAINE NEWNAM, of Baltimore, Md.; M. L. A. The Johns Hopkins University, 1973.
- MARK L. O'NEILL, of Baltimore, Md.; M. S. W. Catholic University of America, 1967.
- ELIZABETH FUCHS OSTERMAN, of Columbia, Md.; B. A. Smith College, 1966.
- LUCY ANNE PETTIBONE, of Owings Mills, Md.; B. A. Baldwin-Wallace College, 1970.
- ANNETTE RAPPA PTAK, of Towson, Md.; B. A. Goucher College, 1972.
- KEVIN WILLIAM RAUM, of Glenwood, Md.; B. S. University of Tennessee, 1978.
- LAWRENCE ARTHUR RAUM, of Glenwood, Md.; B. S. University of Maryland, 1975.
- MICHAEL FRANCIS REILLY, of Baltimore, Md.; B. S. Towson State College, 1970.
- STEPHEN RAY RIVES, JR., of Baltimore, Md.; M. A. The Johns Hopkins University, 1972.
- MICHAEL NATHAN ROTHSCHILD, of Toronto, Ontario, Canada; B. H. L. Israel Tarah Research, 1977.
- STEPHEN WALTER ROTHWELL, of Baltimore, Md.; B. A. The Johns Hopkins University, 1975.
- MICHAEL ALAN ROY, of Cockeysville, Md.; B. S. Purdue University, 1974.

- BARBARA LYNN SCHULL, of Baltimore, Md.; B. A. Western Maryland College, 1972.
- ALAN P. SCHWEBER, of Falls Church, Va.; B. S. Long Island University, 1954.
- ANN MARIE BENEDICT SEGELKEN, of Baltimore, Md.; B. A. Mount St. Agnes College, 1970.
- VITO JOSEPH SESKUNAS, of Baltimore, Md.; B. A. University of Maryland, 1968.
- HILMER HAZZARD SHACKELFORD, JR., of Finksburg, Md.; B. S. University of Maryland, 1970.
- DUSHIYANT SHARMA, of Baltimore, Md.; M. S. University of Arkansas, 1971.
- KATHLEEN DIANE WILL SIMMERS, of Cockeysville, Md.; B. A. Western Maryland College, 1975.
- GARY MADISON SMITH, of Baltimore, Md.; B. B. A. McMurry College, 1974.
- MADELEINE WOLK SNYDER, of Columbia, Md.; B. A. University of Maryland, 1970.
- KARL DERROL SOMMERS, JR., of Linthicum, Md.; B. S. Steed College, 1969.
- GERALD THOMAS SPARKS, of Fallston, Md.; B. S. Towson State College, 1974.
- GARY ALAN STEWART, of Baltimore, Md.; B. S. Lehigh University, 1976; M. S. The Johns Hopkins University, 1979.
- ANA ROSARIO SYLVESTER, of Ellicott City, Md.; B. S. Mount St. Agnes College, 1957.
- WARREN CLAYTON SYLVESTER, of Ellicott City, Md.; B. S. Towson State College, 1959.
- FRANK ANTHONY TEDESCHI, of Perry Hall, Md.; B. S. Grove City College, 1973.
- ANTHONY JAMES THIM, JR., of Stewartstown, Pa.; B. S. Towson State College, 1972.
- BRIAN CHARLES TOENEBOEHN, of Randallstown, Md.; B. S. E. E. Washington University, 1965; M. S. The Johns Hopkins University, 1970.
- STEVEN JOHN TOKARZ, of New Windsor, Md.; A. A. Catonsville Community College, 1966; B. S. Towson State College, 1975.
- DORIS ANN TRAINOR, of Baltimore, Md.; B. S. C. E University of Miami, 1971.
- STEVEN DALE WACHS, of Elkridge, Md.; B. S. Mississippi State University, 1974.
- JEFFREY RALPH WALDO, of Laurel, Md.; B. S. United States Air Force Academy, 1978.
- STEVEN JAY WALTERS, of Ellicott City, Md.; B. S. Drexel University, 1974.
- KENNETH RAY WEASE, of Baltimore, Md.; B. S. University of Maryland, 1971.
- THOMAS GEORGE WEBER, of Baltimore, Md.; B. A. University of Maryland, 1971.
- BYRON NELSON WILLIAMS, of Baltimore, Md.; B. S. Temple University, 1974.
- BENJAMIN ROBERT WINNEBERGER, JR., of Baltimore, Md.; B. A. Thiel College, 1972.
- DOROTHY DELORES WOLINSKI, of Baltimore, Md.; B. A. University of Baltimore, 1977.
- DAVID FRANCIS YONKOSKI, of Pasadena, Md.; A. A. Community College of Baltimore, 1969; B. S. E. T. Capitol Institute of Technology, 1976.

CERTIFICATES OF ADVANCED STUDY

in The Evening College

- PHILIP LYNN ARBAUGH, of Westminster, Md.; B. S. Towson State College, 1969; M. Ed. Western Maryland College, 1974. Education.
- EVA ALTMANN BIRNBAUM, of Baltimore, Md.; M. Ed. University of Maryland, 1966. Education.
- ELLEN BLOCK BLUMENTHAL, of Baltimore, Md.; M. Ed. Loyola College, 1974. Education.
- SANDRA BERNADETTE BROWN, of Baltimore, Md.; M. Ed. Coplin State College, 1973. Education.
- ELIZABETH FRANCES CAIN, of Baltimore, Md.; B. S. University of Maine, 1973; M. Ed. The Johns Hopkins University, 1975. Liberal Arts.
- PAMELA MAUREEN SACHS CARTER, of Baltimore, Md.; B. A. University of Maryland, 1968; M. L. A. The Johns Hopkins University, 1972. Liberal Arts.
- JOAN EDELMANN CRAIG, of Baltimore, Md.; B. S. Towson State College, 1967; M. Ed. Loyola College, 1974. Education.

- JOHN ANTHONY CUSSON, of Baltimore, Md.; M. A. American University, 1974. Education.
- THURMAN JEROME DOOLITTLE, of Delta, Pa.; B. S. University of Maryland, 1973; M. S. The Johns Hopkins University, 1976. Education.
- JOYCE ELIZABETH GILROY DOUGHERTY, of Columbia, Md.; B. A. Elmira College, 1955; M. A. University of South Alabama, 1968. Education.
- SANDRA LEE EDMONDS, of Baltimore, Md.; M. S. Morgan State College, 1973. Education.
- DONNA SUE FEINBLUM, of Baltimore, Md.; B. S. University of Maryland, 1968. Education.
- JAMES VINCENT FITZSIMMONS, JR., B. A. St. Mary's Seminary, 1964; M. Ed. Loyola College, 1974. Education.
- BETH SUSAN HIMMELSTEIN GOLDSMITH, of Baltimore, Md.; B. A. Goucher College, 1972; M. Ed. 1973. Education.
- HARVEY BARRY GOREN, of Randallstown, Md.; B. S. Towson State College, 1968; M. Ed. Coppin State College, 1971. Education.
- GEORGE SHANNON GOUDY, JR., of Baltimore, Md.; B. S. Towson State College, 1962; M. L. A. The Johns Hopkins University, 1971. Liberal Arts.
- JANICE LYNN HAMLIN, of Baltimore, Md.; B. S. Towson State College, 1968; M. A. Wayne State University, 1972. Education.
- KATHLEEN LOUISE HELT, of Sykesville, Md.; M. Ed. University of Maryland, 1974. Education.
- DIANE BARBARA FINE JACOBS, of Baltimore, Md.; B. A. Towson State College, 1971; M. L. A. The Johns Hopkins University, 1973. Liberal Arts.
- GEORGE FREDERICK JOHNSON, of Baltimore, Md.; B. S. Ed. East Carolina University, 1959; M. Ed. Towson State University, 1976. Liberal Arts.
- JOHN RICHARD KANE, of Baltimore, Md.; M. A. Webster College, 1974. Education.
- JERRY LYNN KUNKLE, of Elkton, Md.; B. S. Millersville State College, 1964; M. Ed. Western Maryland College, 1968. Education.
- LOIS JOHNSON KYLER, of Baltimore, Md.; B. S. Coppin State College, 1962; M. Ed. The Johns Hopkins University, 1968. Education.
- DEBORAH SIMON LEVINSON, of Baltimore, Md.; B. A. Goucher College, 1968. Education.
- RONNÉ JAY LIPPENHOLZ, of Reisterstown, Md.; B. S. Towson State College, 1972; M. S. The Johns Hopkins University, 1976. Education.
- MARY ELLEN LUCARELLI, of Baltimore, Md.; B. S. Radford College, 1970; M. Ed. Coppin State College, 1973. Education.
- THOMAS ANDREW MATEY, of Baltimore, Md.; M. A. T. The Johns Hopkins University, 1967. Liberal Arts.
- JULIA THOMPSON MOORE, of Joppa, Md.; B. A. Towson State College, 1968; M. S. The Johns Hopkins University, 1975. Education.
- ALAN GEORGE NEMEROFSKY, of Fallston, Md.; M. S. West Virginia University, 1971; M. A. Loyola College, 1976. Education.
- REBECCA RACHEL PERKOWITZ-TABOR, of Baltimore, Md.; M. A. Columbia University, 1974. Education.
- CLAUDIA G. PESSIN, of Baltimore, Md.; B. A. Maryland Institute of Art, 1972; M. Ed. University of Maryland, 1976. Education.
- KAREN HARMON PFUNDER, of Cockeysville, Md.; M. Ed. Wayne State University, 1972. Education.
- VULIA MAE PITTMAN, of Baltimore, Md.; B. S. Morgan State College, 1958; M. Ed. The Johns Hopkins University, 1976. Education.
- ROBIN BETH POLLACK, of Baltimore, Md.; M. A. Columbia University, 1976. Education.
- NANCY LEE PUGH, of Baltimore, Md.; M. S. Loyola College, 1972. Education.
- BARBARA ANN ROBINSON, of Baltimore, Md.; B. S. University of Baltimore, 1975; M. Ed. Coppin State College, 1976. Education.
- SUSAN CLOPPER SCHUBERT, of Finksburg, Md.; M. Ed. University of Maryland, 1972. Education.
- JOHN FRANCIS SHERMAN, of Cockeysville, Md.; B. A. University of Maryland, 1970; M. L. A. The Johns Hopkins University, 1975. Liberal Arts.
- CHIKAO TSUBAKI, of Baltimore, Md.; M. P. A. American University, 1969; M. L. A. The Johns Hopkins University, 1978. Liberal Arts.
- SYLVIA THEODOSIA WOODEN, of Baltimore, Md.; M. S. Morgan State University, 1977. Education.
- JUDITH NELSON ZUBIN, of Baltimore, Md.; B. A. Ohio Wesleyan University, 1965; M. L. A. The Johns Hopkins University, 1972. Liberal Arts.

MASTERS OF MUSIC

in The Peabody Conservatory of Music

- KATHRYN SUZANNE BALDWIN, of Front Royal, Virginia; B. M. Peabody Conservatory of Music, 1978. Piano.
- PETER BAY, of Hyattsville, Maryland; B. S. University of Maryland, 1978. Instrumental Conducting.
- JAN DAVIS BISHOP, of Baltimore, Maryland; A. B. Goucher College, 1960. Harpsichord.
- CELESTE L. BLASE, of Baltimore, Maryland; B. M. Peabody Conservatory of Music, 1976. Violin.
- PAUL ANTHONY LUKE BONCELLA, of Taberg, New York; B. M. Peabody Conservatory of Music, 1979. Organ.
- CATHY BOND BAUER, of Baltimore, Maryland; B. M. Peabody Conservatory of Music, 1978. Voice.
- MONICA RUTH BRETSCHER, of Valparaiso, Indiana; B. M. E. Valparaiso University, 1976. Violin.
- JOHN WINTHROP BROOKS, of Bronxville, New York; B. M. The College of Wooster, 1977. Organ.
- PHILIP FREDERICK CANDELARIA, of Vancouver, British Columbia; B. M. University of British Columbia, 1977. Guitar.
- VALERIE JEAN CANDELARIA, of Vancouver, British Columbia; B. M. University of British Columbia, 1977. Piano.
- STEVEN ROBERT CHICUREL, of Asheville, North Carolina; B. M. Mars Hill College, 1977. Piano.
- MARGARET LACEY CRAIG, of Silver Spring, Maryland; B. M. University of Maryland, 1973. Harpsichord.
- PAUL GEORGE FEHRENBACH, of St. Marys, Pennsylvania; B. A. Kutztown State College, 1972. Composition.
- LEE RAYMOND FRICK, of Glendora, California; B. M. California State University at Fullerton, 1977. Piano.
- JED ADIE GALANT, of Oakland, California; B. M. Peabody Conservatory of Music, 1978. Piano.
- PATRICIA RANDOLPH GOODSON, of Newport News, Virginia; B. A. Duke University, 1976. Piano.
- GERALD H. GROEMER, of Tucson, Arizona; B. M. Arizona State University, 1977. Piano.
- J. RANDAL HAWKINS, of Hanahan, South Carolina; B. M. Furman University, 1978. Piano.
- WALTER DAVID HUFF, of East Point, Georgia; B. M. Oberlin College, 1978. Piano.
- SHURI ITO, of Muroran, Hokkaido, Japan; B. M. College of St. Benedict, 1978. Piano.
- SHARON DODD KERR, of Norfolk, Virginia; B. M. Peabody Conservatory of Music, 1978. Violin.
- KENNETH MONTE KIESLER, of Baltimore, Maryland; B. M. University of New Hampshire, 1975. Instrumental Conducting.
- AMELIA KILLIAN, of Lancaster, Pennsylvania; B. M. Peabody Conservatory of Music, 1978. Piano.
- MARY STEYER KING, of Baltimore, Maryland; B. M. Peabody Conservatory of Music, 1978. Piano.
- LARYSSA MARIA KRUPA, of Morristown, New Jersey; B. M. Peabody Conservatory of Music, 1978. Piano.
- JEFFREY JOHN KUST, of Brookfield, Illinois; B. M. St. Louis Conservatory of Music, 1977. Guitar.
- LORRAINE ANNE LINGLE, of Morris Plains, New Jersey; B. A. Montclair State College, 1978. Piano.
- GLENN ARTHUR LYONS, of Huntington Station, New York; B. A. State University of New York at Binghamton, 1973. Guitar.
- TERRENCE STEPHEN MANZO, of Baltimore, Maryland; B. M. Peabody Conservatory of Music, 1980. Saxophone.
- GAIL ANN FAHNESTOCK MORFESIS, of Winchester, Virginia; B. M. Peabody Conservatory of Music, 1979. Voice.
- GREGORY WEST PARKER, of Ramona, California; B. A. Taylor University, 1978. Piano.
- MICHAEL JOHN SHEADEL, of Mansfield, Ohio; B. M. Eastman School of Music, 1978. Piano.

KEVIN RANDALL TAYLOR, of Pittsburgh, Pennsylvania; B.M. Peabody Conservatory of Music, 1978. Guitar.

JEFFREY JAMES TOMECEK, of Baltimore, Maryland, B.M. Peabody Conservatory of Music, 1976. Clarinet.

MARK STEVEN WILSON, of New Plymouth, Idaho; B.M. Boise State University, 1974. Piano.

SAMUEL WONG, of Hong Kong; B.M. North Texas State University, 1976. Piano.

MASTERS OF SCIENCE

in The School of Hygiene and Public Health

KEVIN LEWIS ARMSTRONG, of Los Gatos, Calif.; B. A. University of San Francisco, 1973. Health Services Administration.

Educational Diagnosis in Adolescent Fertility.

DOUGLAS DAVID DYKMAN, of Highland Park, N.J.; B.E.S., The Johns Hopkins University, 1978. Population Dynamics.

The Effects of Testosterone and Estradiol on Daily Rhythms in Serum Testosterone Concentrations and on Accessory Sex Organ Function in the Rat.

MOHAMMAD NASEEM IQBAL FAROOQUI, of Islamabad, Pakistan; M. Sc., Karachi University, 1961; M. A., 1970. Population Dynamics.

Relationships Between Agricultural Development and Fertility in Rural Areas of Pakistan.

JANET J. GAILEY-PHIPPS, of Norman, Okla., B. S., University of Oklahoma, 1970. Pathobiology.

The Breeding Biology and Behavior of the African Penguin, Spheniscus demersus.

LOUISE SCHEPERS GUNNING, of Alexandria, Va.; B.S., Rijks-universiteit Groningen Medische Faculteit, 1973. International Health.

Well-Baby and Well-Child Care in Multicultural Communities in Amsterdam.

PEARCE CRISFIELD JOHNSON, of Brooklandville, Md.; B. A., Washington and Lee University, 1973. Pathobiology.

An Ethogram of Captive Liontailed Macaques (Macaca silenus) with an Analysis of Maternal/Infant/Troop Interactions.

SUNGAI KIM, of Korea; B.S., Seoul National University, 1973; M. P. H., 1975. Health Services Administration.

Organizational Effect of Labor Coaching Actions Instructions Upon Recall in Labor Coaches Preparation.

LEONARD ALAN MERMEL, of Beverly Hills, Calif.; B. A., University of Colorado, 1978. Pathobiology.

Studies on Monoamine Oxidase Activity in the Schistosome Intermediate Host, Biomphalaria glabrata.

RUBINA JAMSHED PATEL, of Karachi, Pakistan; B. A., Hood College, 1977. Pathobiology.

Reversal of Tetracycline Hydrochloride Inhibition of Escherichia coli by Iron.

CAROLYN FRANCES POPPELL, of Riverside, Calif.; B. S., University of Wisconsin, Green Bay, 1976. Environmental Health Sciences.

Enumeration and Occurrence of RNA Coliphages in Wastewater.

NILES LLOYD PRIMROSE, of Baltimore, Md.; B. S., University of Maryland, 1975. Pathobiology.

Wintering Ecology of the Magothy River Waterfowl.

JUDITH SHEILA SAMKOFF, of Westwood, N. J.; B. A., The Johns Hopkins University, 1979. Epidemiology.

Deaths with Pulmonary Embolism in Washington County, Maryland.

URSULA A. SCHEFFEL, of Baltimore, Md.; B. S., The Johns Hopkins University, 1976. Environmental Health Sciences.

Labeling of Platelets with ¹¹¹Indium (¹¹¹In) Oxine in Plasma and In vivo Behavior of ¹¹¹In Labeled Platelets.

JOHN JAMES SWEITZER, of Baltimore, Md.; B. S., Loyola College, 1962; B. S., The Johns Hopkins University, 1968. Population Dynamics.

Epidemiology of Sudden Infant Death Syndrome, Baltimore, Maryland, 1969-72.

MARK ALLAN SYLVESTER, of Alexandria, Va.; B.A., The Johns Hopkins University, 1976. Environmental Health Sciences.

Factors Influencing the Corrosiveness of Well Water Towards Copper Plumbing Systems.

CYNTHIA L. UBER, of Scottsdale, Pa.; B.S., University of Pittsburgh, 1976. Epidemiology.

A Study of Nippostrongylus brasiliensis Infection in Mast Cell-Deficient Mice.

EVELYN SHULAMIT WOLFSON, of Lawrence, N. Y.; B.A. Brandeis University, 1977. Population Dynamics.

Mortality in Central Maryland: 1975.

MARY MARGARET YURACHEK, of Richmond, Va.; B.A., University of Virginia, 1976. Biostatistics.

Estimates of "Safe" Dose: Small Sample Comparisons.

MASTERS OF HEALTH SCIENCE

in The School of Hygiene and Public Health

JOSEPH FRANCIS ABATE, of Baltimore, Md.; B.A. College of Sante Fe, 1973; M.A. Loyola College, 1978. Health Services Administration.

PHILIP Z. BERG, of Baltimore, Md.; B.S. Washington University, 1976. Environmental Health Sciences.

PATRICK NOLAN BREYSSE, of Seattle, Wash.; B.S. Washington State University, 1978; Environmental Health Sciences, Occupational Safety and Health.

RITA LOUISE BRINSON, of Idabel, Okla.; B.S. Oklahoma Baptist University, 1955. Mental Hygiene, Alcohol Studies.

TRUDY L. BUSH, of Baltimore, Md.; B.S. Pennsylvania State University, 1969; M.A. 1972; Ph.D. 1977. Epidemiology.

DENNIS ROBERT CHRISTENSEN, of Littleton, Colo.; B.A. Carthage College, 1970. Environmental Health Sciences, Occupational Safety and Health.

PAUL JEROME CONVERSE, of Silver Spring, Md.; B.A. Ohio University, 1968; M.Sc. University of Durham, 1977. Pathobiology, Tropical Public Health.

VINCENT NICHOLAS CUSENZA, of Bayside, N. Y.; B.A. Yale University, 1977. Health Services Administration, Health Planning and Administration.

DIANE E. DiFRANCO, of Orangeburg, N.Y.; B.S. Union College, 1978. Health Services Administration, Health Planning and Administration.

LOUISE A. DOUCETTE, of Massachusetts; B.S. University of Massachusetts, 1977. Environmental Health Sciences, Occupational Safety and Health.

BETSY ANNE FAY, of Baltimore, Md.; B.A. Rutgers University, 1978. Environmental Health Sciences, Occupational Safety and Health.

MONICA JEAN HENOCH, of Bayside, N. Y.; B.A. University of Rochester, 1976. Epidemiology.

ANN CATHERINE HICKEY, of Allentown, Pa.; B.A. University of Pennsylvania, 1976. International Health.

DOROTHY DENTON HONEMANN, of Washington, D. C.; B.A. Western Maryland College, 1953. Health Services Administration, Health Planning and Administration.

CHERYL A. JARVI, of Fitchburg, Mass.; B.A. University of Massachusetts, 1972. Mental Hygiene, Alcohol Studies.

LINDA COHEN JONAS, of Baltimore, Md.; B.S. University of Maryland, 1975. Environmental Health Sciences, Occupational Safety and Health.

CARLOS RAMON JURADO V., of Panama; B.A. Boston College, 1969; M.Ed., 1971. Mental Hygiene, Alcohol Studies.

HELEN MASON KAVANAGH, of Chevy Chase, Md.; B.S. Heidelberg College, 1975. Pathobiology, Tropical Public Health.

WENDY EILEEN KAYE, of New Castle, Pa.; B.A. Vanderbilt University, 1978. Health Services Administration, Health Planning and Administration.

RICHARD MICHAEL KEATING, of Baltimore, Md.; B.A. The Johns Hopkins University, 1978. Epidemiology.

CAROL ELLEN KENNON, of Berkeley, Calif.; A.B. University of California, Berkeley, 1977. Health Services Administration, Health Planning and Administration.

DEANNA SUE KINSEY, of Baltimore, Md.; B.A. Albion College, 1965; M.S.W. University of Connecticut, 1974. Health Services Administration, Health Planning and Administration.

JONATHAN EDAN KLEIN, of Woodbury, N. Y.; B.A. The Johns Hopkins University, 1979. Epidemiology.

HELEN Y. KONG, of Baltimore, Md.; A.B. Washington University, 1978. Health Services Administration, Health Planning and Administration.

- RICHARD JOHN LUCIBELLA, of New Haven, Conn.; B.S. Fairfield University, 1975. Health Services Administration, Health Planning and Administration.
- NANCY LEE MAHER, of Baltimore, Md.; B.A. Washington University, 1972. Pathobiology, Tropical Public Health.
- WILLIAM EDWARD McENROE, of Towson, Md.; B.A. The Johns Hopkins University, 1978. Environmental Health Sciences, Occupational Safety and Health.
- MARIANNE CATHERINE MIERLEY, of Huntingdon, Pa.; B.A. Bryn Mawr College, 1978. Health Services Administration, Health Planning and Administration.
- CONNIE MAE MILLER, of Lanham, Md.; B.A. Bowie College, 1978. Mental Hygiene, Alcohol Studies.
- ERIC R. NEVINS, of Rockville, Md.; B.S. Towson State University, 1978. Health Services Administration, Health Planning and Administration.
- CHRISTINE BROWER NEW, of Crofton, Md.; B.S. Pennsylvania State University, 1976. Epidemiology.
- HENRICUS GERARDUS NIJHUIS, of Loenersloot, The Netherlands; B.A. University of Nijmegen, 1972; M.D., 1970. Behavioral Sciences.
- MARGARET ELIZABETH O'KANE, of Takoma Park, Md.; B.A. Fordham University, 1969. Health Services Administration, Health Planning and Administration.
- WILLIAM FLEMING PARRISH, JR., of Baltimore, Md.; B.A. University of Maryland, Baltimore County, 1971. Environmental Health Sciences.
- GEORGE HOUSTON PERRY, JR., of Sykesville, Md.; B.A. University of South Carolina, 1967. Mental Hygiene, Alcohol Studies.
- FREDERICK FISHER PHILLIPS, of New Haven, Conn.; B.S. Yale University, 1974. Health Services Administration, Health Planning and Administration.
- CHERYL LYNN POLANSKY, of Milwaukee, Wis.; B.A. Brandeis University, 1978. Health Services Administration, Health Planning and Administration.
- ILKKA KALERVO RAIVIO, of Kauniainen, Finland; M.D. University of Helsinki, 1959; L.L.M., 1969. International Health.
- RICHARD WILLIAM REITZ, of Catonsville, Md.; B.S. University of Maryland School of Pharmacy, 1976. Epidemiology.
- JOHN CHARLES ROSE, of Baltimore, Md.; B.A. Kansas State Teachers College, 1967. International Health.
- ROBERT WARREN SHEESLEY, of Towson, Md.; B.S. Towson State University, 1977. Environmental Health Sciences.
- WILLIAM MERCER SOMERS, of Alexandria, Va.; B.A. University of North Carolina, 1974. Mental Hygiene, Alcohol Studies.
- JOAN CAROL SPIVAK, of New York, N. Y.; A.B. Barnard College, 1972. Environmental Health Sciences, Occupational Safety and Health.
- THOMAS STANITIS, of Racine, Wis.; B.A. College of Racine, 1974; M.S. 1976. Mental Hygiene, Alcohol Studies.
- SYLVIE LAUREL STEBER, of Edison, N. J.; B.A. University of Pennsylvania, 1977. Health Services Administration, Health Planning and Administration.
- PATRICIA ANN STONE, of San Francisco, Calif.; A.B. Cornell University, 1978. Health Services Administration, Health Planning and Administration.
- BAMBANG SUTRISNA, of Jakarta Pusat, Indonesia; M.D. University of Indonesia, 1972. Epidemiology.
- JOANNE TRESLEY, of Chicago, Ill.; B.A. University of Illinois, 1978. Health Services Administration, Health Planning and Administration.
- NISSI SHING-AI WANG, of Novelty, Oh.; B.A. Case Western Reserve University, 1977. Pathobiology, Tropical Public Health.
- CHARLES EDWARD WILLIAMS, of Collegeville, Pa.; B.S. Pennsylvania State University, 1974. Mental Hygiene, Alcohol Studies.

MASTERS OF PUBLIC HEALTH

in The School of Hygiene and Public Health

- DIANE LORETTA ADAMS, of College Park, Md.; B. S. Howard University, 1969; M. D. New Jersey College of Medicine, 1976.
- SUNG-KYU AHN, of Seoul, Republic of Korea; M. D. Seoul National University School of Medicine, 1959.
- JOHN A. AKINYEMI, of Baltimore, Md.; B. S. Aurora College, 1967; M. S. Northern Illinois University, 1970; Ph. D. Howard University, 1972.
- MARY CAROLYN AOYAMA, of Sturgeon Bay, Wis.; B. S. N. University of Wisconsin, Madison, 1974.
- RITA KATHLEEN AUKWARD, of New Carrollton, Md.; B. S. N. University of Delaware, 1975.
- JESUS HECTOR GUTIERREZ AVILA, of Mexico City, Mexico; M. D. National University of Mexico, 1977.
- JOAN H. BAETZ, of Baltimore, Md.; B. A. University of Baltimore, 1978.
- KENNETH LYNN BAKKEN, of Seattle, Wash.; B. A. Pacific Lutheran University, 1969; D. O. Kansas City College of Osteopathic Medicine, 1976.
- RODELLA ELIZABETH BERRY, of Silver Spring, Md.; B. A. Howard University, 1969; M. S. W., 1971.
- BRIAN LEWIS BILES, of Washington, D. C.; B. A. University of Kansas, 1966; M. D., 1971.
- JULIANE NICHOLE BOHAN, of Wilmington, Del.; B. A. University of Windsor, Windsor, Ontario, 1971; B. S. N. Thomas Jefferson University, 1975.
- MARY ELLEN BORER, of Silver Spring, Md.; B. S. N. University of Wisconsin, Madison, 1971.
- PETER ALAN BOXER, of Brooklyn, N. Y.; B. S. Polytechnic Institute of Brooklyn, 1973; M. Sc. Weizmann Institute of Science, 1976.
- LYNDA BOYER, of Boston, Mass.; B. S. N. Columbia University, 1977.
- JERRY I. BRAND, of Fort Belvoir, Va.; B. A. Lafayette College, 1961; M. D. Chicago Medical School, 1968.
- JAAP FRANS BROEKMANS, of Loenersloot, Netherlands; M. D. University of Leyden, Netherlands, 1970.
- ANTHONY MATTHEW BRUNO, of Bethesda, Md.; B. S. St. Joseph's College, 1951; M. D. University of California, Los Angeles, 1956.
- ROBERT EARLE BUCKLER, of Silver Spring, Md.; A. B. University of California, Los Angeles, 1971; M. D. Georgetown University, 1976.
- CLAREANN HESS BUNKER, of Bar Harbor, Me.; A. B. Wellesley College, 1961.
- MAURO CARINO, of Bari, Italy; M. D. University of Bari, Italy, 1978.
- WILLIAM CARL CARTINHO, JR., of Rockville, Md.; B. A. Emory University, 1958; M. D. Tennessee University, 1962.
- CAROLE S. CHAMBERLAIN, of Lewistown, Pa.; B. A., B. S. Pennsylvania State University, 1973; M. S. W. University of California, Berkeley, 1979.
- MIRIAM LEE CHASTINE, of Capitol Heights, Md.; B. S. Morgan State University, 1976.
- ARTHUR ELSON COHEN, of Baltimore, Md.; B. A. Oberlin College, 1958; J. D. Yale University, 1963.
- ROBERT JOSEPH COLLINS, JR., of Manchester, N. H.; A. B. Saint Anselm's College, 1967; D. M. D. University of Pennsylvania, 1971.
- MAUREEN MARGARET CONNELLY, of Rockville, Md.; B. S. N. University of Maryland, 1974.
- GRACE ANN CORDTS, of Baltimore, Md.; B. S. N. Georgetown University, 1975.
- CAROL ANN DISTASIO, of Baltimore, Md.; B. S. N. University of Maryland, 1971; M. S., 1973.
- JOYCE LORRAINE DRUMMING, of Trenton, N. J.; B. S. W., B. A. Federal City College, 1973; M. S. W. Howard University, 1975.
- MARY FRANCIS DUNN, of Flint, Mich.; B. S. N. University of Michigan, 1975.
- MARGARET A. ELLIOTT, of Jenkintown, Pa.; B. A. Skidmore College, 1973; D. D. S. Temple University, 1977.
- MARTHA W. ELLIOTT, of Baltimore, Md.; A. B. Goucher College, 1968; M. S. W. University of Maryland, 1971.
- ROSARIO HERNANDEZ FAMARAN, of Manila, Philippines; M. D. University of Santo Tomas, 1961; M. P. H., 1971.
- DOROTHY PATRICIA FIELDS, of Randallstown, Md.; B. S. Tuskegee Institute, 1968; M. S. W. Atlanta University School of Social Work, 1971.

- SALLY ANN FLOWERS, of Detroit, Mich.; D.D.S. Howard University, 1978.
- ANN MARIE FORRESTER, of Bowie, Md.; B.S.N. The American University, 1976.
- MARIE RENEE LUBIN GEORGES, of Port-au-Prince, Haiti; B.A. Lycee de Jeunes Filles, Haiti, 1966; M.D. State University of Haiti, 1973.
- NANCY EVELHOCH GILTRUD, of Columbia, Md.; B.S.N. University of Maryland, 1973.
- RODNEY BRUCE GLOTFELTY, of Accident, Md.; B.S. University of Maryland, 1974.
- JON A. GULBRANDSEN, of Chevy Chase, Md.; D.D.S. Marquette University, 1957; M.D. Medical College of Wisconsin, 1962.
- PATRICIA HUGHES GULBRANDSEN, of Chevy Chase, Md.; A.B. Cornell University, 1962; M.D. University of Pennsylvania, 1967.
- RENATO D'AFFONSECA GUSMAO, of Rio de Janeiro, Brazil; M.D. Rio de Janeiro State University, 1975.
- MOHAMMAD HAERIAN, of Iran; M.D. Tehran University, 1968.
- KAMAL ALEXANDER HAMOD, of Beirut, Lebanon; B.S. American University of Beirut, 1970; M.D. American University of Beirut, 1975.
- EDITH ANN HANSON, of Baltimore, Md.; B.S. University of Maryland, 1968; M.S., 1971.
- PHILIP I. HARBER, of New Carrollton, Md.; B.S. Muhlenberg College, 1968; M.D. University of Pennsylvania, 1972.
- NANCY MAYBETH (WILSON) HARVEY, of Albuquerque, New Mexico; B.S.N. Northwestern State College of Louisiana, 1970.
- DAVID HORWITZ, of Bethesda, Md.; M.D. New York University, 1948.
- YING-HUI HSIANG, of Taipei, Taiwan; M.D. National Taiwan University College of Medicine, 1978.
- JIM RONG HUR, of Taipei, Taiwan; M.D. Taipei Medical College, 1977.
- LI-MIN HWANG, of Taipei, Taiwan; M.D. National Taiwan University, 1976.
- NIGEL ERIC RUDOLPH JACKMAN, of Georgetown, Guyana; B.S. Howard University, 1969; M.S. George Washington University, 1972; M.D. Georgetown University, 1978.
- JANE McANANY JACOBSON, of Shawnee Mission, Kans.; B.S.N. University of Kansas, 1976.
- PATRICIA A. JENKINS, of Baltimore, Md.; B.S. Morgan State University, 1969; M.D. The Johns Hopkins University, 1973.
- SUZANNE RUCH JENKINS, of Taneytown, Md.; A.B. Earlham College, 1962; V.M.D. University of Pennsylvania, 1966.
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- SAID ADEN MOHAMED, of Mogadiscio, Somalia; Laurea University of Perugia, 1972.
- ARTHUR VINCENT MOREY, of Arlington, Va.; B. A. State University of New York, Plattsburgh, 1977.
- CHRISTOPHER ROBIN NAYLOR, of Bromall, Pa.; B. A. Duke University, 1978.
- HUONG THI THU NGUYEN, of Windsor Locks, Conn.; B. S. F. S. Georgetown University, 1978.
- KEIKO NISHINO, of Kumamoto, Japan; B. A. International Christian University, 1978.
- MARIANNE NOLTE, of Amsterdam, Netherlands; Doctorandus Rijksuniversiteit Groningen, 1977.
- ROBERT STEPHEN NOTH, of Memphis, Tenn.; B. A. Vanderbilt University, 1974.
- IJEOMA EUGENE OHANU, of Orlu, Nigeria; B. A. Claremont Men's College, 1978.
- ALISSA BETH OKUNEFF, of Tarzana, Calif.; B. A. Pitzer College, 1978.
- MARC SCOTT OLIVER, of Valencia, Pa.; B. A. Antioch College, 1976.
- SYLVIA RENÉE MARTINA PABST, of Wiesbaden, Germany; B. A. Mt. Holyoke College, 1978.
- JAMES BERNARD PAGANO, of Arlington, Va.; B. A. Boston University, 1978.
- KAREN SHERRY PEAKE, of Bowie, Md.; B. A. Occidental College, 1977.
- MASSIMO PERAZZO, of Torino, Italy; Laurea University of Torino, 1978.
- CAROL ANN PETERSON, of Almira, Wash.; B. A. College of William and Mary, 1974.
- RAYMOND JEAN-MARIE PETIT, of Luxembourg; B. A. Balliol College, Oxford University, 1978.
- D. ERIC PETTIGREW, of Washington, D. C.; B. A. Duke University, 1978.

- DOMENICA PIANTEDOSI, of Washington, D. C.; B. A. University of Connecticut, 1978.
- MICHELE ANN POWERS, of Watervliet, N. Y.; B. A. State University of New York, Brockport, 1976.
- DIANA LYNN QUILL, of Highland, Md.; B. A. Towson State University, 1976.
- CLAIRE ALISON RICKARD, of Houston, Texas; B. A. Duke University, 1977.
- PHILIP MICHAEL RIMER, of Montreal, Quebec, Canada; B. A. Concordia University, 1977.
- MICHAEL FREDERICK ROSANIO, of De Witt, N. Y.; B. A. Boston College, 1977.
- DAVID LINCOLN ROSS, of Marlboro, Vt.; B. A. Marlboro College, 1976.
- STANLEY KAARE ROSS, of Greenwich, Conn.; B. A. Amherst College, 1978.
- THOMAS JOHN ROW, JR., of Fairfax, Va.; B. A. The Johns Hopkins University, 1978.
- DAVID LEE ROWE, of Washington, D. C.; B. A. University of Colorado, 1976.
- ROBERT MARVIN RUSSELL, of Arcadia, Calif.; B. A. University of Redlands, 1977.
- BAHRAM SALIMI, of Tehran, Iran; B. A. Oakland University, 1974.
- ANTHONY THOMAS SALVIA, of New York, N. Y.; B. A. The Johns Hopkins University, 1977.
- CLARK ALLEN SAND, of Fullerton, Calif.; B. A. California State University, 1970.
- ANDRÉE KAREN SARK, of Greenwich, Conn.; B. A. Bryn Mawr College, 1978.
- JOHN FREDERIC SCHAEITTLER, of Pound Ridge, N. Y.; B. A. Tufts University, 1976.
- JANICE CHERYL SCANDELLA, of Sacramento, Calif.; B. A. University of California, Davis, 1976.
- LESLIE ANN INEZ SCHROEDER, of Albert Lea, Minn.; B. A. University of Minnesota, 1977.
- ROBERT JOHN SCHWEITZER, of Washington, D. C.; B. A. University of California, Berkeley, 1977.
- MARY ELIZABETH SEDOR, of Bethel Park, Pa.; B. S. J. Northwestern University, 1978.
- DAVID LEIGH SHAMBAUGH, of Sandwich, Ill.; B. A. The George Washington University, 1977.
- WILLIAM FORD SHAW, of Washington, D. C.; B. A. Reed College, 1975.
- ILZE INESE SILIS, of Palo Alto, Calif.; B. A. Stanford University, 1977.
- JOHN STEPHEN SIMMS, of Wilmington, Del.; B. A. The Johns Hopkins University, 1979.
- SCOTT SIMONS, of Washington, D. C.; B. A. Fairleigh Dickinson University, 1978.
- LYNN TERRI SLOSSBERG, of Boca Raton, Fla.; B. A. Tulane University, 1978.
- JACQUELINE RAE SMITH, of Seattle, Wash.; B. A. Williamette University, 1978.
- RICHARD DAVIS SOKOLSKY, of Highland Park, Ill.; B. A. Vanderbilt University, 1974.
- JOHN VAUGHAN GYBBON SPILSBURY, of Huntington, N. Y.; B. A. Tufts University, 1979.
- NALINI SRINIVASAN, of Kensington, Md.; B. A. Boston College, 1976.
- CYNTHIA STEELE, of Fairfield, Conn.; B. A. Denison University, 1976.
- MARTHA BAIR STEINBOCK, of Silver Spring, Md.; B. A. Portland State University, 1975.
- LARAIN ELYSE STEPNER, of Framingham, Mass.; B. A. Wellesley College, 1978.
- DEVINDA ROHAN SUBASINGHE, of Colombo, Sri Lanka; B. A. Indiana University, 1977.
- JUNE CELESTE SUGAR, of N. Hollywood, Calif.; B. A. University of California, Los Angeles, 1975.
- BRUCE SCHUYLER TANOUS, of Chevy Chase, Md.; B. A. University of North Carolina, 1977.
- NILS OTHON TCHEYAN, of Scarsdale, N. Y.; B. A. Trinity College, 1976.
- DANIEL LOUIS THOMPSON, of Washington, D. C.; B. A. The George Washington University, 1976.
- ROBERT LAWRENCE TILLEY, of West Bloomfield, Mich.; B. A. Oberlin College, 1976.
- LAURA JANE TRAVIS, of Jackson, Wyo.; B. A. University of California, Santa Barbara, 1974.
- VICTOR FRIEDRICH VON LILIENFELD, of Madrid, Spain; B. A. The American University, 1976.
- ANNE LOUISE VORCE, of Flint, Mich.; B. A. University of Michigan, 1974; M. A. London School of Economics, 1975.
- REAVIS MARY WARD, of Washington, D. C.; B. A. Barnard College, 1978.
- JAMES PAUL WEAVER, of Washington, D. C.; B. A. Colorado State University, 1972.
- EVELYN JEAN WEBSTER, of Wichita Falls, Texas; B. A. Midwestern University, 1973.
- TERI LYNN WEINER, of Phoenix, Ariz.; B. A. University of California, Santa Barbara, 1976.

BETH CARTER WELLINGTON, of Pike, N. H.; B. A. University of Arizona, 1977.

LOUIS GARNEAU WERNER, of Florissant, Mo.; B. A. Princeton University, 1976.

MARGARET CAREY WHITE, of McLean, Va.; B. A. Swarthmore College, 1977.

MICHAEL ROBERT WHITEMAN, of Riggins, Idaho; B. S. The College of Idaho, 1972.

BARBARA ANN WHITLOW, of Washington, D. C.; B. S. Kent State University, 1970.

STEPHEN BRADLEY WICKMAN, of Potsdam, N. Y.; B. A. Eckerd College, 1975.

JOAN WILMARTH, of Claremont, N. H.; B. A. Bryn Mawr College, 1976.

ORME WILSON III, of Washington, D. C.; B. A. Harvard College, 1975.

DAVID MYLES WOOLF, of Silver Spring, Md.; B. A. Boston University, 1978.

STEPHEN DOUGLAS WRAGE, of Erie, Pa.; B. A. Amherst College, 1974.

KYUNG BOK K. YOON, of Seoul, Korea; B. A. Wellesley College, 1978.

THOMAS DURRELL YOUNG, of Washington, D. C.; B. A. California State University, Long Beach, 1976.

MASTERS OF SCIENCE IN CLINICAL ENGINEERING in The School of Medicine

KENNETH MARTIN BAKALAR, of Baltimore, Md.; B. A. Johns Hopkins University, 1972. Biomedical Engineering.

An Automated Out-Patient Pharmacy System for the Johns Hopkins Oncology Center.

JOSEPH RAYMOND FROCK, of Olney, Md.; B. S. Purdue University, 1959. Biomedical Engineering.

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JOSHUA EVSEY TSITLIK, of Reisterstown, Md.; Candidate of Technical Sciences, Leningrad Order of Lenin M. I. Kalinin Polytechnical Institute, 1972. Biomedical Engineering.

A Computer Controller for an Automated Cardiopulmonary Resuscitation System.

MASTERS OF ARTS in The School of Medicine

MICHAEL BUDOWICK, of Warren, Mich.; B. F. A. Wayne University, 1978. Art as Applied to Medicine.

The Histopathology of the Developing Tubal Ectopic Pregnancy.

WALTER MARTIN DENN, of Baltimore, Md.; B. F. A. California College of Arts and Crafts, 1975. Art as Applied to Medicine.

Laryngeal Penetration and Aspiration During Swallowing—An Animated Film.

ENID VAUNE HATTON, of Fairfield, Conn.; B. A. Newton College of the Sacred Heart, 1975. Art as Applied to Medicine.

Arterial-Venous Relationships in the Human Left Ventricular Myocardium.

LYNN MICHELE KLEIN, of Poughkeepsie, N. Y.; B. A. Douglass College, 1978. Art as Applied to Medicine.

The Course and Ganglionic Content of the Splanchnic Nerve in the Neonatal Rat.

NADINE BARBARA SOKOL, of Baltimore, Md.; B. F. A. University of Michigan, Ann Arbor, 1977. Art as Applied to Medicine.

The Superior Nasal Orbital Fat and its Relationship to the Nasociliary Nerve.

ROBERT MCBRIDE, of Brooklyn, N. Y.; B. A. Brooklyn College, 1973. Art as Applied to Medicine.

Embryonic Development and Closure of the Interventricular and Outflow Tract Septums.

MASTERS OF SCIENCE IN ENGINEERING

in The G.W.C. Whiting School of Engineering

EDWIN RUSSELL ADDISON, of Baltimore, Md.; B. S. Virginia Polytechnic Institute and State University, 1978. Electrical Engineering.

ROBERT KEITH ALBIN, of Lutherville, Md.; B. E. S. The Johns Hopkins University, 1979. Electrical Engineering.

JOSEPH ALSAID, of Tel-Aviv, Israel; B. Sc. London University King's College, 1977. Electrical Engineering.

MIKHAIL JIBRAYIL ATALLAH, of Beirut, Lebanon; B. E. American University of Beirut, 1975. Electrical Engineering.

YEHUDA AVNIEL, of Stetin, Poland; B. S. in El. Engr. Technion, Israel Institute of Technology, 1975. Electrical Engineering.

Some New Results for Reproducing Kernal Hilbert Spaces.

MAUREEN SUSAN BARRY, of New York, N. Y.; B. A. Loyola College, 1977. Mechanics and Materials Science.

The Effect of Relocation of the Tibial Tubercle on the Biomechanics of the Patello-Femoral Joint.

KEVIN GLENN BARTKOVICH, of Towson, Md.; B. E. S. The Johns Hopkins University, 1980. Electrical Engineering.

JORDEN STUART BRINN, of Silver Spring, Md.; B. E. S. The Johns Hopkins University, 1979. Electrical Engineering.

SHEN-LII CHENG, of Taipei, Taiwan; B. S. National Tsing Hua University, 1972. Mathematical Sciences.

RICHARD JOEL COHN, of Baltimore, Md.; B. A. The Johns Hopkins University, 1980. Mathematical Sciences.

RAWLEY ALDRICH COOPER, of New York, N. Y.; B. A. Columbia University, 1975. Mathematical Sciences.

JOSEPH BRADLEY CULKIN, of Towanda, Pa.; B. S. in Engr. University of Pennsylvania, 1976. Chemical Engineering.
Preliminary Experiments on Rivulet Instabilities.

WINSTON GEORGE DAVIDS, of Greenport, N. Y.; B. S. Trinity College, 1970; M. A. Princeton University, 1972. Mathematical Sciences.

BAHAA W. FAM, of Bethesda, Md.; B. E. S. The Johns Hopkins University, 1979. Electrical Engineering.

ALFRED GEORGE FEYERABEND III, of Baton Rouge, La.; B. S. Nicholls State University, 1978. Mathematical Sciences.

JOSEPH CHARLES KERNER, of Baltimore, Md.; Diploma, DeVry Technical Institute, 1975. Electrical Engineering.

SIRIPHONG LAWPHONGPANICH, of Thonburi, Thailand; B. S. Cornell University, 1976; M. E., 1977. Mathematical Sciences.

DAVID EUGENE LILIENFELD, of Pikesville, Md.; B. A. The Johns Hopkins University, 1978. Mathematical Sciences.

JOSEPH CHARLES PISTRITTO, of Towson, Md.; B. E. S. The Johns Hopkins University, 1979. Electrical Engineering.

SUSAN MARIE THOMAS, of Sumner, Wash.; B. A. The Johns Hopkins University, 1977. Mathematical Sciences.

RALPH JOSEPH TIER, of Catonsville, Md.; B. E. S. The Johns Hopkins University, 1979. Electrical Engineering.

MASTERS OF ARTS

in The G.W.C. Whiting School of Engineering

LOUIS REED HUPPMAN, of Baltimore, Md.; B. A. Boston University, 1973. Geography.

Patterns of Distribution of Some Forest Herbaceous Plants in the Maryland Piedmont.

MYRON ANTHONY WACLAWIW, of Baltimore, Md. Mathematical Sciences.

MASTERS OF ARTS

in The School of Arts and Sciences

- JOHN MOREL ADLER, of Savannah, Ga.; B. A. University of North Carolina, 1978. Writing Seminars.
On the Expectations of an Evening's Hunt.
- JANAN ARIF AL-AWAR, of Beirut, Lebanon; B. S. American University of Beirut, 1977. Psychology.
- MARIETTE CARMEN ARGUIMBAU, of Stamford, Conn.; B. A. Skidmore College, 1976. Romance Languages.
- JEAN BARBARA AXELRAD, of Sydney, Australia; B. A. McGill University, 1974; M. A., 1976. Philosophy.
- WILLIAM EDWARD BAER, of Wayne, N. J.; B. A. Rutgers University, 1971. Writing Seminars.
Speed Skater.
- ANNE MARIE BAGWELL, of Baltimore, Md.; B. A. University of Maryland, 1978. Philosophy.
- JUDITH ANN BALL, of Ottumwa, Iowa; B. A. University of Virginia, 1978. History.
- TIMOTHY ALBERT BENNETT, of Dayton, Ohio; B. A. Wittenberg University, 1978. German.
- BARBARA ANN BERSON, of Great Neck, N. Y. Writing Seminars.
The Caller.
- JILL ROBIN BIALOSKY, of Shaker Heights, Ohio. B. A. Ohio University, 1979. Writing Seminars.
Night Trees.
- ANNETTE MARIE BICKEL, of Baltimore, Md.; B. A. Smith College, 1975. Philosophy.
- KURT KARL BIGLER, of New York, N. Y.; B. S. E. Case Western Reserve University, 1978. Psychology.
- MARIANNA URICK BLEDSOE, of State College, Pa.; B. S. University of Maryland, 1977. Chemistry.
- SARAH K. BRANDENBURGER, of London, England; B. A. St. Hilda's College, England, 1978. Political Science.
The Economic Diplomacy of the United States in Relation to Great Britain and the Coming of War, 1935-1939.
- PRISCILLA SUZANNE BREMSER, of New Canaan, Conn.; B. A. Smith College, 1978. Mathematics.
- MAURICE JOSEPH BRIC, of Cahirciveen, Ireland; B. A. University College, Ireland, 1974. History.
- MARY MARGARET BRODNAX, of Monroe, La.; B. A. Vanderbilt University, 1978. German.
- DWIGHT FREDRICK BROOKS III, of Los Angeles, Calif.; B. A. University of Southern California, 1978. Writing Seminars.
Four Stories.
- JOHN PHILIP CARADONNA, of Newark, N. J.; B. A. The Johns Hopkins University, 1979. Chemistry.
- KAREN LYNN CARTER, of York, England. Political Science.
The Palestine Question and United States Foreign Policy, 1942-1948.
- CHARLES CLIFTON CHANCEY III, of Cincinnati, Ohio; B. S. Miami University, 1977. Physics.
- NANCY MARIA CHANG, of Quito, Ecuador; B. A. Lake Forest College, 1977. Chemistry.
- JOHN TERREL CLARKE, of Chicago, Ill.; B. S. Denison University, 1974. Physics.
- CONRADO COLLAZO, of Santurce, Puerto Rico; B. A. University of Puerto Rico, 1977. Romance Languages.
- XAVIER COMAS, of Barcelona, Spain; Licenciado in Economics, Universidad Autonoma de Barcelona, 1975. Political Economy.
- CAROL ELLEN CORNELL, of Baltimore, Md.; B. A. The Johns Hopkins University, 1980. Psychology.
- DEBORAH CHRISTIE CORNISH, of Tia Juana Edo Zulia, Venezuela; B. S. Georgetown University, 1978. Romance Languages.
- RODNEY ALAN CRAVEN, of Ramseur, N. C.; B. S. University of North Carolina, 1978. Writing Seminars.
The Ether Tree.
- REED WAY DASENBROCK, of Detroit, Mich.; B. A. McGill University, 1974. English.
- ROBERT JOHN DAVIDSON, of Richland, Wash.; B. S. in Phys. Washington State University, 1977. Physics.
Measurement of the X-ray Flux of ScO X-1.
- ANN ELIZABETH DAVIS, of Washington, D. C.; B. A. Wake Forest University, 1977. German.

- HARRIET ANNE DAVISON, of Baltimore, Md.; B. A. Douglass College, 1977; M. A. University of Michigan, 1978. English.
Implications of Imaginative Movement in Hart Crane's The Bridge.
- MICHAEL RALPH DELLOMO, of Massapequa, N. Y.; B. S. Rensselaer Polytechnic Institute, 1979. Mathematics.
- CHALOEYLAKANA DHANASIRI, of Bangkok, Thailand; B. Sc. Chulalongkorn University, 1976. Philosophy.
- ARTHUR DEAN DONOVAN, of New York, N. Y.; B. S. University of Rochester, 1976. Earth and Planetary Sciences.
- PAUL ALBERT DYSTER, of Niagara Falls, N. Y. Political Science.
Military Force, International Equilibrium, and the Retreat of American Power.
- MARK ANDREW EDWARDS, of Adel, Ga.; B. S. Georgia Southern College, 1977. Physics.
- LORRAINE ROSE EISENBERG, of Brooklyn, N. Y.; B. S. State University of New York at Stony Brook, 1975. Biology.
- THOMAS JAMES EMGE, of Pittsburgh, Pa.; B. S. St. Joseph's College, 1977. Chemistry.
- DAVID WAYNE EMMONS, of Portland, Maine; B. A. Drake University, 1976; M. A. University of Texas, 1978. Political Economy.
- JUDY ANNE ENENSTEIN, of Chicago, Ill.; B. A. University of Wisconsin, 1974. Biology.
- ELLEN SUE FELD, of Houston, Texas; B. A. Rutgers University, 1979. Writing Seminars.
Landslide.
- STEPHEN BRUCE FOUNTAIN, of Texarkana, Texas; B. A. Baylor University, 1977. Psychology.
- HOWARD STEVEN FOX, of Elk Grove Village, Ill.; B. A. The Johns Hopkins University, 1980. Biophysics.
- JOANNE ELLEN FRASER, of Oakland, Calif.; B. A. Scripps College, 1977. History.
- RICHARD JOSEPH FRASER, of Tempe, Ariz.; A. A. Glendale Community College, 1977. Writing Seminars.
Gratuitous Acts.
- JUDI HELENE FREEMAN, of Plainview, N. Y.; B. A. Vassar College, 1978. History of Art.
- CHRISTOPHER INGBRETH FYNISK, of Wilmington, Del.; B. A. Cornell University, 1974; M. A. University of California, Irvine, 1976. Romance Languages.
- STEVEN GOLDLEAF, of New York, N. Y.; B. A. Columbia University, 1976. Writing Seminars.
Used Goods.
- BARRY GORDON, of Philadelphia, Pa.; B. S. Pennsylvania State University, 1971; M. D. Jefferson Medical College of Philadelphia, 1973. Psychology.
- DIANE F. GOTTLIEB, of Buffalo, N. Y.; B. A. Cornell University, 1956; M. A. American University, 1969. Philosophy.
- VALERIE ANN GREAUD, of Newport News, Va.; B. A. The Johns Hopkins University, 1980. Psychology.
- PHILIP L. GREENFIELD, of Amherst, Mass.; B. A. University of Massachusetts, 1974. Political Science.
The Politics of Air Pollution.
- FRANK ROCK GUNTER, of Baltimore, Md. Political Economy.
- HEIDI ELLEN HADEN, of Boston, Mass.; B. A. Beloit College, 1977. Classics.
- CAREN FRIEDBERG HAMMERMAN, of Wayland, Mass.; B. A. Mount Holyoke College, 1976. History of Art.
- GAIL ELLEN HANDELMANN, of Englewood, N. J.; B. A. Pennsylvania State University, 1976. Psychology.
- CATHERINE HEALEY, of Jersey City, N. J. History.
- SANDRA LYNN HENDERSON, of Baltimore, Md.; B. A. The Johns Hopkins University, 1980. History.
The Not So Gentle Sex: A Reexamination of Aristocratic Confederate Women.
- ARTHUR LUDWIG HERMAN, of Minneapolis, Minn.; B. A. University of Minnesota, 1978. History.
- KATHRYN ANN HOFFMANN, of Rockville Centre, N. Y.; B. A. State University of New York at Buffalo, 1975. Romance Languages.
- RICHARD FREDERICK CONRADO HOLMAN, of Burlingame, Calif. Physics.
- TOSHIHIRO IHORI, of Kurashiki, Japan; B. Econ. University of Tokyo, 1974; M. Econ., 1976. Political Economy.
- ALBERT ISTEERO-FARAG, of Cairo, Egypt; B. D. Hartford Seminary Foundation, 1961; M. A., 1961; M. Th. Princeton Theological Seminary, 1978. Near Eastern Studies.
- KATHRYN ALLAMONG JACOB, of Harrisburg, Pa.; B. A. Goucher College, 1972; M. A. Georgetown University, 1975. History.
- RUSSELL ALVIN JAMES, of Washington, D. C.; B. A. Hampshire College, 1978. Writing Seminars.
Rumblings.
- JAMES ALDEN JOHNSON, of Minneapolis, Minn. Earth and Planetary Sciences.
- MARY ANNE JOHNSON, of Forest Park, Ill. Psychology.
- MARY HANNAH JONES, of Huntington, W. Va.; B. A. St. John's College, 1978. Classics.
- TAMARA ROSE KAPIE, of New Britain, Conn.; B. A. Dickinson College, 1976. History of Art.

- HENRY ALEXANDER KAUTZ, of Clarence, N. Y.; B. A. Cornell University, 1978. Writing Seminars.
Mechanisms.
- JOHN THEODORE KISH, JR., of Columbia, Md.; B. A. University of Maryland, Baltimore County, 1978. Philosophy.
- RICHARD CHAO MING KOO, of San Francisco, Calif.; B. A. University of California, Berkeley, 1976. Political Economy.
- KENDRA ANN KOPELKE, of Towson, Md.; B. A. Ohio State University, 1978. Writing Seminars.
White Harbors.
- DONALD WILLIAM KORAN, of Long Beach, Calif.; B. A. University of Texas, 1977. Political Economy.
- BALASUBRAMANIAN KRISHNAN, of Bangalore, Karnataka, India; M.Sc. Birla Institute of Technology and Science, India, 1977. Chemistry.
- FREDERICK MARK KRONZ, of Pittsburgh, Pa.; B. S. University of Pittsburgh, 1978. Philosophy.
- STEVEN LALLY, of Baltimore, Md.; B. A. Colgate University, 1977. English.
- THERESA ROWE LAMB, of Wilson, N. C.; B. A. Converse College, 1975. Political Science.
Issues, Illusions, and Values in Marvin v. Marvin:
A Case Study Exploring the Ramifications of Julius Stone's Theory of Judicial Decision-Making for Public Policy Analysis.
- CANDIDA GOULD LANCASTER, of Washington, D. C. Romance Languages.
- WAYNE BRIAN LANDSMAN, of New York, N. Y.; B. S. University of Connecticut, 1977. Physics.
- KERRY CHARLES LARSON, of Minneapolis, Minn.; B. A. University of Iowa, 1977. English.
- NABIL MISHREKY LAWANDY, of Arlington, Va.; B. A. The Johns Hopkins University, 1977. Chemistry.
- HUEY-MIIN LEE, of Taipei, Taiwan; B.Sc. National Taiwan Normal University, 1976. Mathematics.
- CORNEILIUS HYMAN LETTINGA, of Edmonton, Canada; B. A. Calvin College, 1976. History.
- DENNIS JON LEW, of Los Angeles, Calif.; B. S. University of Michigan, 1975. Earth and Planetary Sciences.
Ecological Aspects of Some Echinoderms (Echinodermata: Spatangoida, Clypeastroida, Aspidochirotida), in Discovery Bay, Jamaica.
- JEREMY ROBERT TROWER LEWIS, of Dartmouth, England; B. A. Keble College, University of Oxford, 1976. Political Science.
Freedom of Information: The British Experience.
- DOMINIC SONG CHING LI, of Toronto, Canada; B.C. University of Toronto, 1978. Political Economy.
- PO-SHENG LIN, of Hsinchu, Taiwan; B. A. Tunghai University, 1975. Political Economy.
- GINA LISA MARANTO, of Wilton, Conn.; B. A. Pomona College, 1977. Writing Seminars.
Violent Natures.
- ETSUSUKE MASUDA, of Tokyo, Japan; B. A. Hitotsubashi University, Tokyo, 1973; M. Econ., 1975. Political Economy.
- ETSUSUKE MASUDA, of Tokyo, Japan; B. A. Hitotsubashi University, Tokyo, 1973; M. Econ., 1975; M. A. The Johns Hopkins University, 1979. History.
- ANDREA MARIE MATTEI, of Worcester, Mass.; B. A. Mount Holyoke College, 1976. History.
- KAREN KIDWELL MAUREY, of Washington, D. C.; B. S. University of Maryland, 1977. Biology.
- MARY ANN McDONALD, of Charles Town, W. Va.; B. A. Middlebury College, 1975. German.
- ANNE McLAREN, of St. Louis, Mo.; B. A. Washington University, 1975. History.
- JAMES COULSON McNAUGHTON, of Quantico, Va.; B. A. Middlebury College, 1974. History.
- ELIZABETH RUTH McVICKER, of Denver, Colo.; B. A. University of Texas, 1977. Romance Languages.
- KENNETH CARL MEINHEIT, of Whitestone, N. Y.; B. A. New School for Social Research, 1977. Philosophy.
- MICHAEL JOSEPH MEYER, of South Bend, Ind.; B. A. University of Notre Dame, 1978. Philosophy.
- SCOTT NEAL MORSCHAUER, of Gettysburg, Pa.; B. A. Gettysburg College, 1977. Near Eastern Studies.
- SIYAVASH NARIMOUSA, of Soltanabad Ramhormoz, Iran; B. Sc. Jundi Shaur University, Iran, 1977. Earth and Planetary Sciences.
- CORNELIUS PATRICK NELAN, of New York, N. Y. Mathematics.
- MICHAEL JOHN NEUFELD, of Edmonton, Canada; B. A. University of Calgary, 1974; M. A. University of British Columbia, 1976. History.
- KAREN ANGELYN NOLAN, of Providence, R. I.; B. A. Brandeis University, 1976. Psychology.
- KATHY Jo OGREN, of Denver Colo.; B. A. Scripps College, 1977. History.
- MARY O'REGAN, of Providence, R. I.; B. A. The Johns Hopkins University, 1980. Psychology.
- FRANCISCO S. PARDO, of Coral Gables, Fla.; B. A. The Johns Hopkins University, 1980. Biophysics.
- BRUCE BYRON PARKER, of Olney, Md.; B. A. and B. S. Brown University, 1969; M. S. Massachusetts Institute of Technology, 1975. Earth and Planetary Sciences.

- RUSSELL DEE PARKS, of Kingsport, Tenn.; B. A. University of Tennessee, 1977. Physics.
The Application of Bit Slice Microprocessors to High Performance Ultraviolet Detector Systems.
- PATRICIA ELIZABETH PEDERSEN, of Springfield, Va.; B. A. Smith College, 1975. Psychology.
- KATHLEEN SUE PETERSON, of Pendleton, Oreg.; A. A. Blue Mountain Community College, 1975; B. A. Portland State University, 1977. Writing Seminars.
Light Revenge.
- RICHARD WAYNE POINTER, of Rochester, N. Y.; B. A. Houghton College, 1977. History.
- ALLAN DAVID REISS, of New York, N. Y.; B. A. Columbia University, 1972. Humanities Center.
- MADELINE KAY RIVERA, of Adrian, Mich.; B. S. Math. Western Michigan University, 1978; B. S. Pol. Sci., 1978. Social Relations.
- ROBERT GRIFFITH ROOT, of Holden, Mass.; B. A. Vassar College, 1979. Mathematics.
- LISA M. RUFFOLO, of Milwaukee, Wis.; B. A. University of Wisconsin, 1979. Writing Seminars.
Slip Knots.
- MARILYN DEAN RUGG, of Greenfield, Mass.; B. A. Cornell University, 1975; M. A., 1979. Romance Languages.
- JEAN BURRELL RUSSO, of New York, N. Y. History.
- GERALDINE QUIETLAKE RUTHCHILD, of New York, N. Y.; B. A. Queens College, 1976. English.
- STEVEN JOHN SABA, of Santa Monica, Calif.; B. A. University of British Columbia, 1976. History.
- PIERRE NEMOURS SAINT-AMAND, of Port-au-Prince, Haiti; Diplome, Universite de Montreal, 1978. Romance Languages.
- NATASHA LUDWINE SAJE, of Washington, D. C.; B. A. University of Virginia, 1976. Writing Seminars.
A Year of Rain.
- DEBORAH JOCELYN SALKOV, of Los Angeles, Calif.; B. A. Towson State College, 1972. Social Relations.
- GEOFFREY NORMAN SAPIR, of North Miami Beach, Fla. Physics.
- SPENCER WILLIAM SAUNDERS, JR., of Salisbury, N. C.; B. S. North Carolina State University, 1966. Earth and Planetary Sciences.
- ROBERT LOUIS SCHAF, of Aberdeen, Md.; B. S. United States Military Academy, 1970. Physics.
An Instrument for the Design of Optical Systems.
- LAWRENCE ROBINS SCHEHR, of Columbus, Ohio; B. A. Clark University, 1975; M. A. Ohio State University, 1977. Romance Languages.
- SUSAN SCHNUR, of Baltimore, Md.; B. A. Barnard College, 1974. Writing Seminars.
Sinjan Without a Zarf.
- MARTHA BRAUTIGAM SCHOENE, of South Orange, N. J.; B. A. Upsala College, 1974; B. S., 1975. Philosophy.
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- PRONAB SEN, of New Delhi, India; B. A. University of Delhi, 1972; M. B. A. George Washington University, 1974. Political Economy.
- ELIZABETH SANDRA SHINOSKY, of Baltimore, Md.; B. A. The Johns Hopkins University, 1977. Biology.
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- JEFFREY DAVID SKOBLOW, of New York, N. Y.; B. A. State University of New York, Purchase, 1976. English.
- JEAN DRANE SMALL, of Augusta, Ga.; B. A. University of South Florida, 1968; M. A., 1973. Political Economy.
- LAUREN COHEN SMALL, of Baltimore, Md. Romance Languages.
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- M. JEANNE SHOLL SMITH, of Philadelphia, Pa.; B. S. Bucknell University, 1967; M. S. Idaho State University, 1978. Psychology.
- ROBERT DALE SMITHER, of Indianapolis, Ind.; B. A. Indiana University, 1971; M. A. San Francisco State University, 1978. Psychology.
- JAMES LOUIS STASZ, of Audubon, N. J. Earth and Planetary Sciences.
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- KATHLEEN ELAINE SULLIVAN, of Colorado Springs, Colo.; B. A. The Johns Hopkins University, 1980. Biophysics.
- MARY ROSEWIN SWEENEY, of Baltimore, Md.; B. A. Georgetown University, 1977. History.
'Sonny' Mahon and Baltimore's Irish Machine.
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Snow Day.

HIAWATHA PIERRE WATKINS, of Baltimore, Md.; B. S. Morgan State College, 1958. Chemistry.

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WILLIAM WARREN WEST, of Boston, Mass.; B. A. Wheaton College, 1973; M. A. University of Rhode Island, 1977. Philosophy.

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Homing Instinct.

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ABBY ELIZABETH ZANGER, of Holyoke, Mass.; B. A. Cornell University, 1977. Romance Languages.

ELIZABETH ZOLTAN, of Cherry Hill, N. J.; B. A. The Johns Hopkins University, 1980. Psychology.

DOCTORS OF EDUCATION in The Evening College

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An Examination of Factors in the Positive Identification of Handicapped Children Under Four Years of Age.

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Relationship of Reading Achievement to Certain Selected Tests and Newly Constructed Measures of Psychological Processes.

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An Analytical Study of Twenty-Four Etudes by Adolph von Henselt.

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Origins and Analysis of Peter Maxwell Davies' Vesalii Icones.

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Piano Music of Gail Kubik.

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Hugo Wolf's Symphonic Poem, Penthesilea: A History and Analysis.

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A Style Analysis of the Thirty-six Fugues for Piano by Anton Reicha.

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Musical Iconography in the Sacred Contatas of Johann Sebastian Bach.

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Gordon Jacob: A Study of The Solo Works for Oboe and English Horn and Their Ensemble Literature.

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The Music, 1971-75, of George Crumb: A Style Analysis.

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*The Epidemiology of Avian Malaria in Captive African Penguins (*Spheniscus demersus*) at the Baltimore Zoo.*

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*Studies of Environmental Factors Affecting the Infectivity of *Biomphalaria glabrata* with *Schistosoma mansoni*.*

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Relationship between Blood Pressure and Characteristics of Drinking Water in a County Population.

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Pregnancy: A Direct Method of Estimating Fertility.

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Patient Characteristics and Access to Abortion Services.

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*Behavioral Development and Communication in the Golden Lion Marmoset (*Leontideus rosalia*).*

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Analysis of Relationships between Availability of Resources and Use of Health Services in Finland. A Cross Sectional Study.

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Oral Reading Errors and Perceptual Skills.

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Variation in the Use of Medicaid Services in 17 States.

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The Perception of Stop Consonant Vowel Syllables and Varying Duration Formal Transitions.

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The Model to Describe Hospital Performance Utilizing Metrics.

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A Method for Investigating Risk Factors for Senile Dementia-Alzheimer's Type in the Baltimore Longitudinal Study.

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Mucociliary Clearance in Electrostatic Fields.

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The Associations Between the Organizational Features of Work Settings and the Autonomy Perceived by Pediatric Nurse Practitioners.

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Isoniazid Preventive Therapy: Evaluation of a Public Health Activity in County Health Departments.

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Measuring the Economic Impact of Illness in the Municipio Itabuna, Bahia, Brazil.

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Utilization of Maryland Regional Intensive Care Nursery.

PETER GRAHAM GOLDSCHMIDT, of Cardiff Wales, United Kingdom; D. M. S. School of Management Studies, Polytechnic of Central London, 1969; M. B. B. S. University College Hospital Medical School, London, 1970; M. P. H. The Johns Hopkins University, 1971. Health Services Administration.

A Model for Measuring the Cost-effectiveness of Treatment Programs with an Illustrative Application to Drug Abuse Treatment.

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A Comparative Study of Birth Weight Among Infants Born to Adolescent and Young Adult Women.

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Some Aspects of Health Status Public Sector Health Financing and Health Expenditures in Central and South American Countries.

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The Cardiovascular Effects of Expiratory Threshold Loading in the Conscious Spontaneously Breathing Dog.

ROGER HARVEY BERNIER, of Sanford, Me.; B. A. Assumption College, 1966. Epidemiology.

Intra-household Transmission of Hepatitis B.

- LOUISE ANNETTE BRINTON, of Davis, Calif.; B. A. Beloit College, 1971; M. P. H. University of North Carolina, 1972. Epidemiology.
A Study of the Relationship of Exogenous Hormone Use to Malignant Breast Neoplasms.
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Mechanism of Pulmonary Toxicity of the Intravenous Administration of a Plasticizer, Di-(2-ethylhexyl) phthalate.
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Structural and Functional Relationships of the Female Reproductive System in Schistosoma Mansoni.
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Biological Studies of Onchocerca Volvulus In Vivo and In Vitro.
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Virologic and Immunologic Aspects of Latent Herpes Simplex Virus Type 2 (HSV-2) Infection in the Guinea Pig Model.
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Behavioral Effects of Methylmercury in Neonatal and Adult Offspring of Rats Treated in Middle or Late Gestation.
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Radiometric Microbiological Assays of Niacin and Vitamin B₆: A New Approach to the Measurement of Essential Nutrients in Biological Material.
- SUSAN JANE GUNST, of Bound Brook, N. J.; A. B. Brown University, 1973. Environmental Health Sciences.
Contractile Properties of Bronchial Smooth Muscle.
- ROBERT G. HAMILTON, of Birmingham, Mich.; B. S. University of Michigan, 1973; M. S., 1974. Environmental Health Sciences.
Quantitative Measurement of Human Immunoglobulins Using Solid Phase Radioimmunoassay Technology.
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Transport of Cadmium in the Isolated Perfused Rat Liver.
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The Immunology and Pathogenesis of Acute T. palidum Infection in a Murine Host.
- LORRAINE TOBA MIDANIK, of Los Angeles, Calif.; B. A. University of California, Los Angeles, 1970; M. S. California State University, Los Angeles, 1972. Behavioral Sciences.
Symbolic and Trial Adoption of a Comprehensive Alcoholism Treatment Program.
- SEBASTIAN JAMES MORTON, of Baltimore, Md.; B. A. University of Vermont, 1972. Environmental Health Sciences.
The Hepatic Effects of Dietary Di-2-ethylhexyl Phthalate.
- CAROL ANN NEWILL, of Baltimore, Md.; B. A. Maryville College, 1973. Epidemiology.
A Case-Control Study of Sarcoidosis and HLA Types in Black Baltimore Area Residents.
- JOHN TIMOTHY O'NEILL, of Baltimore, Md.; B. S. University of Maryland, 1972. Environmental Health Sciences.
The Alpha and Beta Adrenergic Effects of Norepinephrine on the Cerebral and Cephalic Circulation of the Dog.
- FRANK WOODWORTH PINE, of Baltimore, Md.; B. A. Kenyon College, 1964. Pathobiology.
The Relationship Between Land Use Characteristics and the Trace Metal Concentrations in Submerged Vascular Plants.
- SHIRLEY ELLEN PODUSLO, of Baltimore, Md.; B. S. Ohio State University, 1963; M. A. The Johns Hopkins University, 1976. Biochemistry.
The Assembly of a Unique Membrane by a Purified Cell Population.
- BELLUR S. PRABHAKAR, of Kaknataka, India; B. S. Kalpataru College, 1970; Sc. M. Kasturba Medical College, 1973. Epidemiology.
The Role of Immune System in Recovery from Primary Rabies Virus Infection.
- RODNEY VICTOR SALM, of Brooklandville, Md.; B. Sc. University of Natal, 1970; B. Sc. University of Natal, 1971. Pathobiology.
The Genus-Area Relation of Corals on Reefs of the Chagos Archipelago, Indian Ocean.
- DALE PEARLMAN SANDLER, of New Haven, Conn.; A. B. Boston University, 1972; M. P. H. Yale University, 1975. Epidemiology.
Health Consequences of Nasopharyngeal Radium Irradiation.
- NANCY JOAN SCHULTZ, of Cottage Grove, Wis.; B. A. Elmhurst College, 1972. Pathobiology.
Paternal Role and Behavior of the Southern Grasshopper Mouse, Onychomys torridus.
- STEVEN PAUL SCHWARTZ, of Maplewood, N. J.; B. A. The Johns Hopkins University, 1975. Behavioral Sciences.
Occupational Health: Organizational Responses to Worker Risk.

AHMED ABDELMEGIED SEIF EL NASR, of Giza, Egypt; B.S. Cairo University, 1969; M.Sc., 1973. Population Dynamics.

Uncertainty and Policy Analysis in Education Flow Models.

DJAMSHID SHIRAZIAN, of Tehran, Iran; D.V.M. Tehran University, 1966; M.P.H., 1971; M.P.H. University of North Carolina, 1975. Pathobiology.

Physiological and Immunological Studies of S. mansoni Cultivated in Vitro.

BILLY GRAY WHITE, of Rockville, Md.; B.S. North Carolina State University, 1969; M.S.P.H. University of North Carolina, 1970. Biostatistics.

A Class of Ethical Designs for Controlled Clinical Trials.

SUSUMU YAMASHITA, of Kobe, Japan; B.A. The Johns Hopkins University, 1975. Population Dynamics.

Economic Considerations in the Timing of Marriage.

LAURIE SCHWAB ZABIN, of Baltimore, Md.; B.A. Vassar College, 1946; M.A. Harvard University, 1947. Population Dynamics.

Pregnancy Risk to Adolescent Girls in Early Years of Intercourse.

DOCTORS OF PHILOSOPHY

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State Economic Control vs. Market Expansion: The Third Sector in Venezuelan Politics, 1928-1978.

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The Presidency and the Press: John F. Kennedy's Foreign Policy Crises and the Politics of Newspaper Coverage.

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Soviet Perceptions of U.S. Foreign Policy in the Context of the Struggle between the Two Social Systems.

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The Kennedy Policy in the Congo 1961-1963.

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Government Procurement in the European Community.

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- NEIL JAY NUSBAUM, of Brooklyn, N. Y.; A. B., M. A. Columbia University, 1972; J. D., 1975.
- CHRISTOPHER BLACKBURN O'BRIEN, of St. Petersburg, Fla.; B. S. University of Florida, 1976.
- CHINWUBA CHINWEOŃU ONEJEME, of Enugu, Anambra State, Nigeria; A. B. Bowdoin College, 1976.
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Nonlinearities in Auditory-Nerve Fiber Responses to Bandlimited Noise: An Experimental Study and a Model.

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Aspects of the Population Dynamics of Striped Bass (Morone Saxatilis) Spawning in Maryland Tributaries of the Chesapeake Bay.

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Studies on the Structure, Function and Genomic Arrangement of Low Molecular Weight Nuclear Ribonucleic Acid Isolated from Mouse Myeloma Solid Tumor.
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Transcription in Vitro of Putative Precursor Transfer RNAs: Differential Purine Utilization as the Initiating Nucleotide.
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The Quantum Optics and Kinetics of Optically-Pumped Molecular Lasers: Experimental Observations.
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Italian Artists' Homes in the 16th Century.
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Inflation Expectations and the Demand for Housing.
- ALEXANDER JOHN SEIDLER, of New York, N. Y.; B.A. New York University, 1957. Social Relations.
Pecuniary Emulation and Inflation: A Computer Simulation Study of the Social Economy of Iceland.
- MONIQUE TASSIGNY SHAPIRO, of Baltimore, Md.; B.A. Goucher College, 1967; M.L.A. The Johns Hopkins University, 1970. Romance Languages.
Michelet: A Study in Creativity.
- LINDA HENEFIELD SKALET, of Port Chester, N. Y.; B.A. Bryn Mawr College, 1970; M.A. University of Pennsylvania, 1972. History of Art.
The Market for American Painting in New York 1870-1915.
- MICHAEL LEWIS STOLOFF, of Baltimore, Md.; B.A. State University of New York at Binghamton, 1976; M.A. The Johns Hopkins University, 1978. Psychology.
From Suckling to Feeding: Transitions in Ingestive Behavior in Albino Rats.
- PAZHAYANNUR KRISHNAN SWAMINATHAN, of Palghat, India; B.Sc. (Special) University of Calicut, India, 1971; M.Sc. Indian Institute of Technology, India, 1973; M.A. The Johns Hopkins University, 1979. Chemistry.
Role of Cluster Size and Surface on Phase Transitions.
- PALOMA LÓPEZ ALARCÓN TAMARGO, of Hato Rey, Puerto Rico; M.A. Marquette University, 1967. Romance Languages.
La intertextualidad de la Picara Justina.
- ALICE JEAN VANVORIS-SESSIONS, of Dublin, Ireland; B.A. Bard College, 1974. Biology.
Effects of Growth Temperature on Lipid Composition and Enzymatic Activity in the Plasma Membrane of the FHM Cell Line.
- SALLY NOETZEL WALL, of Baltimore, Md.; B.A. Goucher College, 1967; M.A. The Johns Hopkins University, 1972. Psychology.
Altering Visual Strategies of Young Children in the Perception of Left-Right Mirror Images.
- STEVEN A. WARTMAN, of Philadelphia, Pa.; M.D. The Johns Hopkins University 1970. Social Relations.
An Analysis of Prescribing Behavior, Patient Satisfaction and Reported Compliance in a Prepaid Group Practice.
- DONALD LEO WEINIG, of Vienna, Va.; B.A. Stanford University, 1964. Political Economy.
Changes in Factor Use, Relative Industry Efficiencies, and International Trade Performance.
- AUGUSTUS THORBURN WHITE, of Hamden, Conn.; B.A. New College, 1973. Biology.
A Mouse Genomic DNA Bank.
- MARIANNE MCGARRY WOLF, of Hewlett, N. Y.; B.A. The Johns Hopkins University, 1976; M.A., 1977. Political Economy.
Public Investment in Transportation, Expected Transportation Costs, and the Urban Housing Market.
- FREDERICK EDWARD WOOD, JR., of Baltimore, Md.; B.A. Washington and Lee University, 1966; M.A. The Johns Hopkins University, 1969. Political Science.
Public Opinion, Interest Groups and Environmental Policy: Incremental Change Versus Speculative Augmentation.
- KRISTEN LONGENECKER ZACHARIAS, of Wyomissing, Pa.; B.A. Radcliffe College, 1971. History of Science.
The Construction of a Primate Order: Taxonomy and Comparative Anatomy in Establishing the Human Place in Nature, 1735-1916.
- ROBERT BARRY ZIRLIN, of Linden, N. J.; B.A. Lafayette College, 1973; M.A. The Johns Hopkins University, 1977. Philosophy.
Perfect Knowledge and the Cartesian Circle.



THE JOHNS HOPKINS UNIVERSITY • BALTIMORE, MARYLAND 21218

OFFICE OF THE REGISTRAR

July 15, 1980

For those who use the Commencement Program as an official record of the awarding of degrees, please note the following changes to the 1980 Commencement Program:

1. Bachelor of Arts Degrees (Arts and Sciences)

Add: Robert Francis Alexander, of Bronx, N.Y.

Change: Allan Howard Berliant, of Deerfield, Ill. (change from Engineering)
David Phillip Bichell, of Phoenix, Md. " " "

Delete: Brigitte Marie Balla	Jill Marie Jordan
Christopher Harris Bartlett	Graham Edward Kelder, Jr.
Brian N. Becker	Daniel Michael Kennedy
Raymond Alfred Buck	Chaim Alexander Levin
Geoffrey Jones de Sibert	Christine O'Donnell Miller
James George Disney	Peter S. Murr
John Hunter Gunn	Joshua Camann Raphaelson
William Henry Hazelhurst, Jr.	Charles Edward Russell

2. Bachelor of Engineering Science Degrees (Engineering)

Delete: Gregory Joseph Matanoski Robert William Spires

3. Bachelor of Arts Degrees (Engineering)

Delete: Gregory Lewis Bradley

4. Bachelor of Music Degrees (The Peabody Conservatory of Music)

Add: Michael John Maloney, of Lanham, Md. Composition.
Getha J. Snyder, of Baltimore, Md. Piano.

Delete: Robert Russell Coddington Clara Rebeca Marin
Samuel Crain

5. Master of Science Degrees (The Evening College)

Add: Rosemary Lynn Kozma Jessell, of Forestville, Md.; B.S. Duquesne University, 1976.
Education.

Delete: Thomas Warfield Emory Yetty Lockett Kearney
Martin Charles French Henry Beverly Taylor

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6. Master of Education Degrees (The Evening College)

Delete: Delores Martin Small

7. Master of Liberal Arts Degrees (The Evening College)

Add: Catherine Rose Hrybyk, of Linthicum, Md.; B.A. College of Chestnut Hill, 1943.

8. Master of Music Degrees (The Peabody Conservatory of Music)

Add: Maria Del Carmen Gil Venzal, of Hato Rey, Puerto Rico; B.M. Peabody Conservatory of Music, 1978. Piano.
Anne Mansvetov Kefauver, of Chevy Chase, Md.; B.M. Peabody Conservatory of Music, 1977. Music Education.

Delete: Cathy Bond Bauer Kevin Randall Taylor

9. Master of Science Degrees (The School of Hygiene and Public Health)

Add: Marsha Joy Fishbane, of Baltimore, Md.; B.S. Pennsylvania State University, 1970;
M.D. Jefferson Medical College, 1972. Health Services Administration.
Child Health Care in the U.S.: Comparison of Services Provided by
Pediatricians and General Practitioners.

10. Master of Public Health Degrees (The School of Hygiene and Public Health)

Delete: Jorge Alberto Suarez

11. Master of International Public Policy (The School of Advanced International Studies)

Delete: Choong Joo Choi Suk-Jo Lee
Rochelle Irene Creegan Bosco Ernesto Matamoros-Hueck

12. Master of Arts in International Affairs (The School of Advanced International Studies)

Delete: Karl Viktor Krammer Rosina Salerno
Giampiero Rinaldi John Shepherd

13. Master of Arts Degrees (The School of Advanced International Studies)

Add: William Eugene Coburn, of Vienna, Va.; B.A. The American University, 1975;
M.A. University of Virginia, 1976.
George J. Schott, of Elizabeth, N.J.; B.A. The Johns Hopkins University, 1977.
Robert Desmond Shaw, of Birr, County Offaly, Ireland; B.A. Trinity College,
Dublin, 1974.
Elizabeth Diane White, of Alexandria, Va.; B.A. Oberlin College, 1975.

Delete:	Jonathan Aldrich	Robert Charles Lehman
	Karen Suzanne Amelang	Swoon-Weng Leong
	Khadija Evelyn Amerchih	Cynthia Sue Leonhart
	Maria Cecilia Antic	Veronica Li
	Timothy Joseph Ball	Daniel Seth Lipman
	Christopher John Barry	Jan J.M. Maas
	Todd Bradley Bartlem	Lynn Marie Madden
	Edgar Bautista	Marsha Michele McGraw
	Steven Bay	Arnold Bruce Millan
	Valentim Fernandes Boucas Neto	Marcia Elizabeth Miller
	Beatrice Marie Buyck	Christopher Robin Naylor
	Charlotte Conley	Keiko Nishino
	John Constantelos	Robert Stephen Noth
	John Joseph Davidson	Marc Scott Oliver
	Scott William Davis	James Bernard Pagano
	Raymond Taylor Doherty	Massimo Perazzo
	Jeffry Scott Dykes	Carol Ann Peterson
	Mary Josephine Egler	Diana Lynn Quill
	Lynn Marie Ellingson	Claire Alison Rickard
	Heide Sue Feinstein	Michael Frederick Rosanio
	Ellen Mae Fenoglio	David Lee Rowe
	Kathleen Fitzgerald	Bahram Salimi
	Kim Foster	Anthony Thomas Salvia
	Jean-Francois Gaba	Clark Allen Sand
	Ton Joseph Marie Gardeniers	Robert John Schweitzer
	James Bronson Gardiner III	Mary Elizabeth Sedor
	Ruth Lynn Good	Jacqueline Rae Smith
	David Fredric Gould	John Vaughan Gybbon Spilsbury
	Ruth Grdseloff	Nalini Srinivasan
	Richard Joel Greenfield	Laraine Elyse Stepner
	Mark Vincent Hagerstrom	June Celeste Sugar
	Jan Lawrence Hammerman	Anne Louise Vorce
	Richard Winston Haydon	James Paul Weaver
	Gregory Preston Hemphill	Evelyn Jean Webster
	Vincent McHugh Honnold	Michael Robert Whiteman
	Reuben Edmundson Jonathan-Lusack	Barbara Ann Whitlow
	Remigius Vytenis Jurenas	Joan Wilmarth
	Karen Leigh Jurew	Orme Wilson III
	Anup S. Kals	Kyung Bok K. Yoon
	David Michael Layton	Thomas Durrell Young
	Anthony Lispenard Leggett	

4. Master of Arts Degrees (Arts and Sciences)

Add: David Lanning Spivey, of Baltimore, Md.; B.A. The Johns Hopkins University,
1980. Humanities Center.

5. Doctor of Public Health Degrees (The School of Hygiene and Public Health)

Delete: N. Lynn Eckhert

6. Departmental Honors (Baccalaureate Candidates in Arts and Sciences and Engineering)

Add:	Kenneth Allen Brown	Edward Paul Joseph
	Carol Ellen Cornell	Susan Ann Kirkley
	Barbara Joy Gittleman	Ronald Kevin O'Rourke
	Valerie Ann Greaud	Leland Scott Stone
	F. Andrew Hanssen	Mark Anthony Wolfram
	David Brent Hobbs	Elizabeth Zoltan

7. Honors (The Evening College)

Add:	Joseph Leonard Finke	Eli Leibowitz
	Alan Wayne Forish	Patricia Tinker Morse
	Lloyd Joseph Harless	

Delete: Marvin Joseph Friedman

CORRECTION

1. Doctor of Philosophy Degrees (Engineering)

The Department of the following student should read Mechanics and Materials Science.

William James Bruchey

